

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081624\
 Data File : VV036963.D
 Acq On : 16 Aug 2024 18:10
 Operator : SY/MD
 Sample : P3648-09MSD
 Misc : 5.00mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 JAAS5MSD

Quant Time: Aug 16 23:10:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM080224WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 16 23:06:03 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	619270	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	602592	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.182	152	308959	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	229195	46.338	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	92.680%
7) Chloroethane-d5	1.529	69	192779	49.423	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.840%
11) 1,1-Dichloroethene-d2	2.056	65	103007	48.686	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	97.380%
21) 2-Butanone-d5	3.799	46	239180	91.267	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	91.270%
24) Chloroform-d	4.246	84	454801	51.239	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.480%
26) 1,2-Dichloroethane-d4	4.937	65	283073	49.602	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.200%
32) Benzene-d6	4.953	84	899484	49.421	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.840%
36) 1,2-Dichloropropane-d6	5.986	67	288107	49.067	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.140%
41) Toluene-d8	7.240	98	819401	49.079	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.160%
43) trans-1,3-Dichloroprop...	7.551	79	129217	42.286	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.580%
47) 2-Hexanone-d5	8.027	63	172164	101.975	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.980%
56) 1,1,2,2-Tetrachloroeth...	10.149	84	355117	52.673	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	105.340%
66) 1,2-Dichlorobenzene-d4	11.555	152	299289	47.538	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	257732	52.196	ug/L	100
3) Chloromethane	1.217	50	270481	52.343	ug/L	99
5) Vinyl chloride	1.282	62	279759	52.718	ug/L	99
6) Bromomethane	1.484	94	171245	51.253	ug/L	100
8) Chloroethane	1.545	64	175564	53.410	ug/L	98
9) Trichlorofluoromethane	1.712	101	375446	54.013	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.066	101	221976	54.195	ug/L	99
12) 1,1-Dichloroethene	2.066	96	209233	53.487	ug/L	95
13) Acetone	2.114	43	196520	89.627	ug/L	99
14) Carbon disulfide	2.237	76	550646	44.811	ug/L	99
15) Methyl Acetate	2.372	43	221890	49.124	ug/L	99
16) Methylene chloride	2.442	84	237861	54.087	ug/L	98
17) trans-1,2-Dichloroethene	2.687	96	213927	52.795	ug/L	98
18) Methyl tert-butyl Ether	2.706	73	756027	52.976	ug/L	100
19) 1,1-Dichloroethane	3.105	63	449849	54.950	ug/L	98
20) cis-1,2-Dichloroethene	3.809	96	252242	53.037	ug/L	96
22) 2-Butanone	3.880	43	294364	100.214	ug/L	97
23) Bromochloromethane	4.140	128	128432	55.592	ug/L	98
25) Chloroform	4.272	83	455353	54.155	ug/L	99

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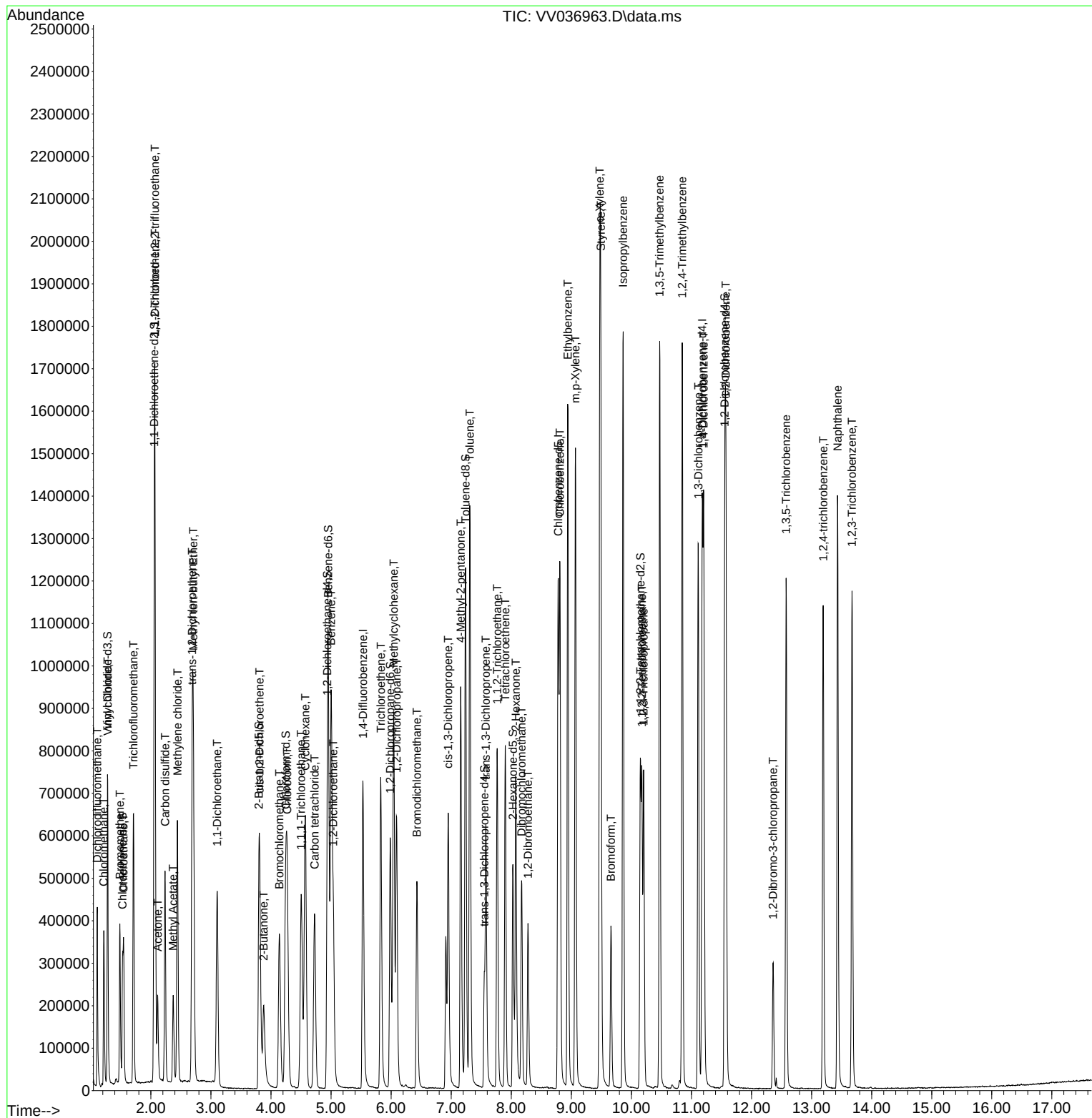
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.037	62	346486	52.241	ug/L	99
29) Cyclohexane	4.571	56	368060	47.938	ug/L	99
30) 1,1,1-Trichloroethane	4.503	97	376252	49.560	ug/L	100
31) Carbon tetrachloride	4.725	117	309631	48.563	ug/L	98
33) Benzene	5.002	78	942729	52.305	ug/L	100
34) Trichloroethene	5.828	95	258960	49.576	ug/L	98
35) Methylcyclohexane	6.043	83	378977	47.281	ug/L	98
37) 1,2-Dichloropropane	6.092	63	256785	53.782	ug/L	99
38) Bromodichloromethane	6.429	83	331457	50.412	ug/L	100
39) cis-1,3-Dichloropropene	6.950	75	390145	47.712	ug/L	100
40) 4-Methyl-2-pentanone	7.159	43	615194	104.013	ug/L	98
42) Toluene	7.310	91	989986	51.569	ug/L	99
44) trans-1,3-Dichloropropene	7.577	75	361632	47.460	ug/L	99
45) 1,1,2-Trichloroethane	7.767	97	245035	52.994	ug/L	99
46) Tetrachloroethene	7.902	164	174569	50.950	ug/L	98
48) 2-Hexanone	8.076	43	457088	105.049	ug/L	99
49) Dibromochloromethane	8.172	129	242600	51.057	ug/L	99
50) 1,2-Dibromoethane	8.278	107	255938	53.349	ug/L	99
51) Chlorobenzene	8.809	112	640658	52.011	ug/L	99
52) Ethylbenzene	8.940	91	1119277	51.062	ug/L	100
53) m,p-Xylene	9.069	106	417786	50.990	ug/L	99
54) o-Xylene	9.474	106	406527	50.728	ug/L	99
55) Styrene	9.490	104	719597	52.398	ug/L	100
57) 1,1,2,2-Tetrachloroethane	10.175	83	360044	57.708	ug/L	99
59) Bromoform	9.661	173	161025	47.111	ug/L	98
60) Isopropylbenzene	9.863	105	1122723	49.915	ug/L	99
61) 1,2,3-Trichloropropane	10.204	75	287960	51.775	ug/L	100
62) 1,3,5-Trimethylbenzene	10.471	105	911532	48.677	ug/L	98
63) 1,2,4-Trimethylbenzene	10.847	105	916636	48.898	ug/L	100
64) 1,3-Dichlorobenzene	11.114	146	493504	51.021	ug/L	98
65) 1,4-Dichlorobenzene	11.204	146	500572	50.892	ug/L	98
67) 1,2-Dichlorobenzene	11.574	146	495238	52.425	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.358	75	75147	46.756	ug/L	98
69) 1,3,5-Trichlorobenzene	12.577	180	338965	49.382	ug/L	99
70) 1,2,4-trichlorobenzene	13.194	180	323812	49.186	ug/L	99
71) Naphthalene	13.432	128	1070224	50.695	ug/L	99
72) 1,2,3-Trichlorobenzene	13.673	180	325892	50.571	ug/L	99

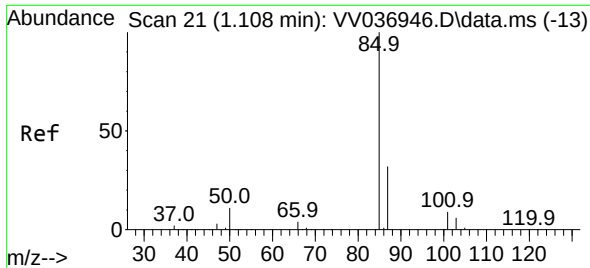
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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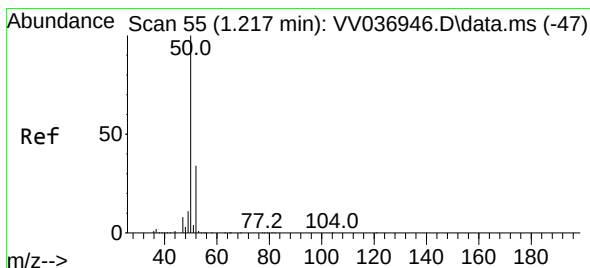
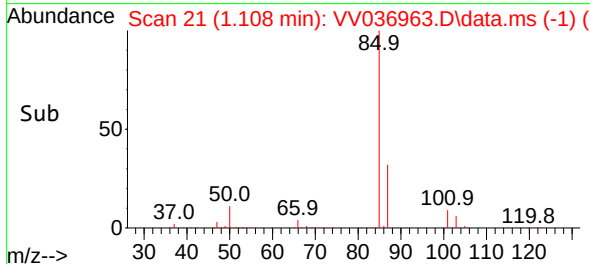
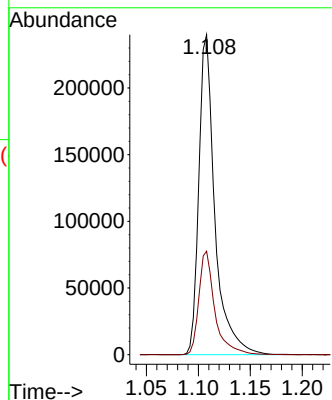
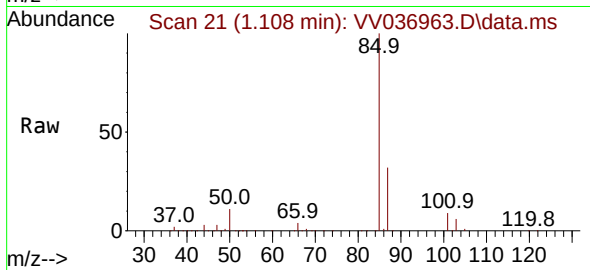




#2
 Dichlorodifluoromethane
 Concen: 52.196 ug/L
 RT: 1.108 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VV036963.D
 Acq: 16 Aug 2024 18:10

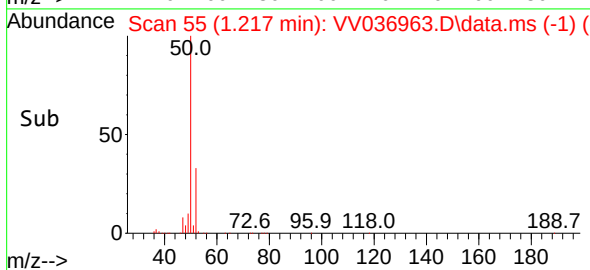
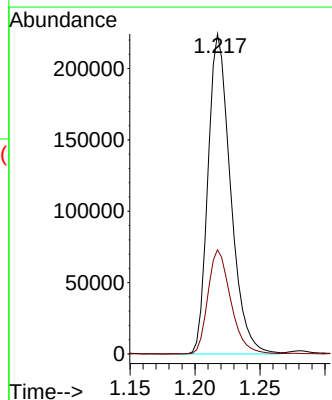
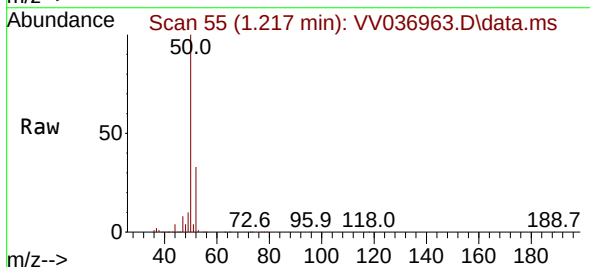
Instrument :
 MSVOA_V
 ClientSampleId :
 JAAS5MSD

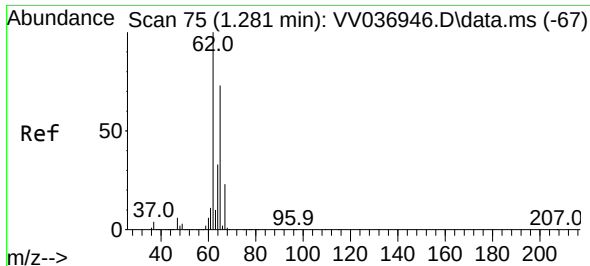
Tgt Ion: 85 Resp: 257732
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.9 38.9



#3
 Chloromethane
 Concen: 52.343 ug/L
 RT: 1.217 min Scan# 55
 Delta R.T. 0.000 min
 Lab File: VV036963.D
 Acq: 16 Aug 2024 18:10

Tgt Ion: 50 Resp: 270481
 Ion Ratio Lower Upper
 50 100
 52 32.5 23.0 42.8





#5
 Vinyl chloride
 Concen: 52.718 ug/L
 RT: 1.282 min Scan# 75
 Delta R.T. 0.000 min
 Lab File: VV036963.D
 Acq: 16 Aug 2024 18:10

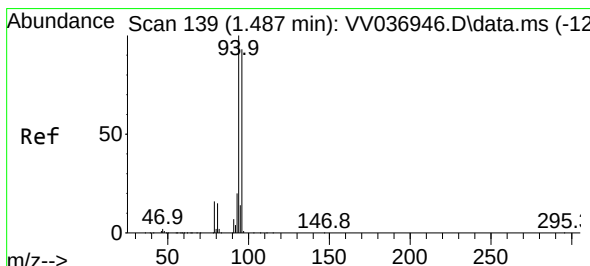
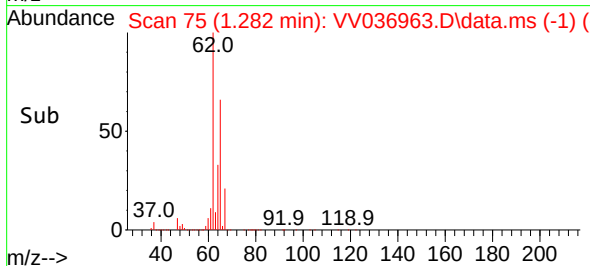
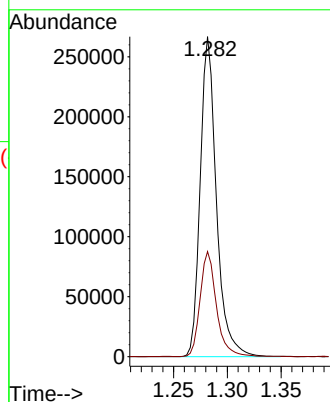
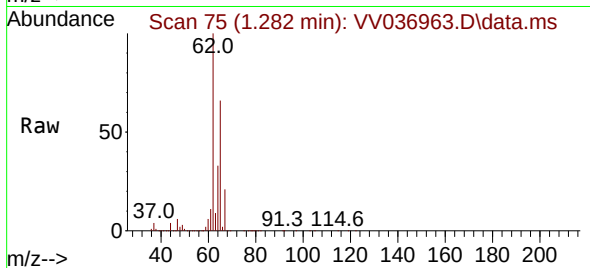
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MSVOA_V

ClientSampleId :

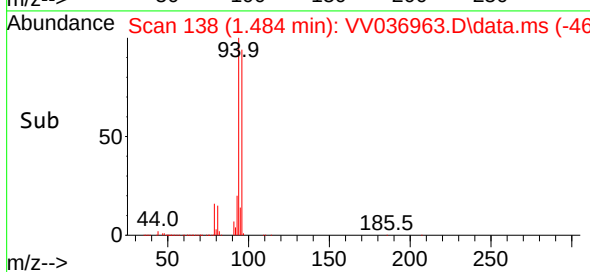
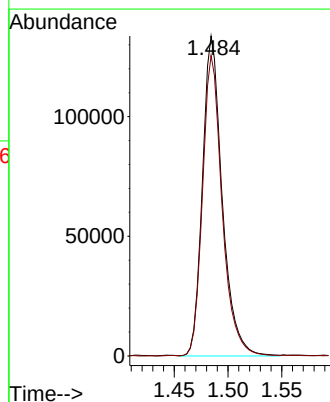
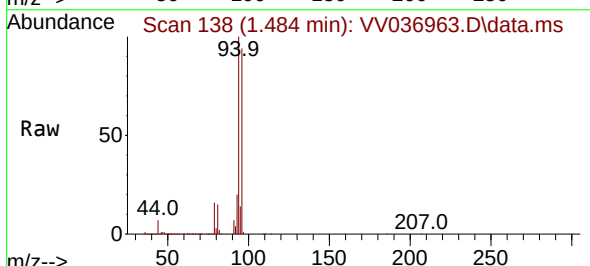
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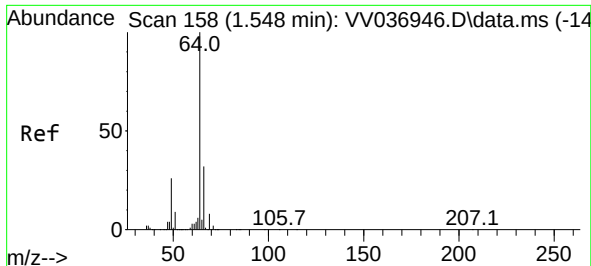
Tgt Ion: 62 Resp: 279759
 Ion Ratio Lower Upper
 62 100
 64 32.9 23.6 43.8



#6
 Bromomethane
 Concen: 51.253 ug/L
 RT: 1.484 min Scan# 138
 Delta R.T. -0.003 min
 Lab File: VV036963.D
 Acq: 16 Aug 2024 18:10

Tgt Ion: 94 Resp: 171245
 Ion Ratio Lower Upper
 94 100
 96 93.9 65.5 121.7

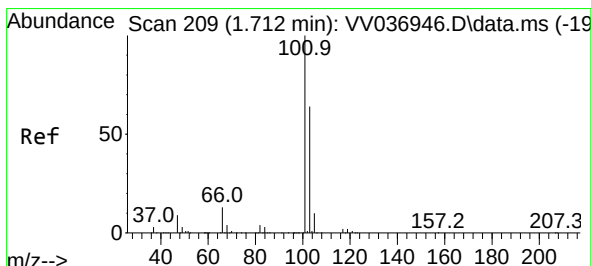
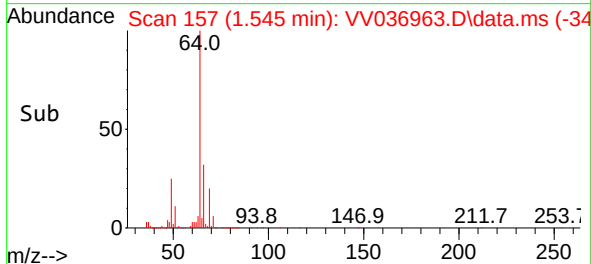
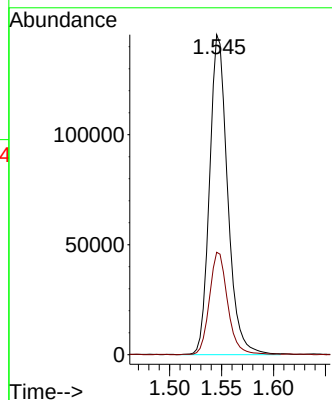
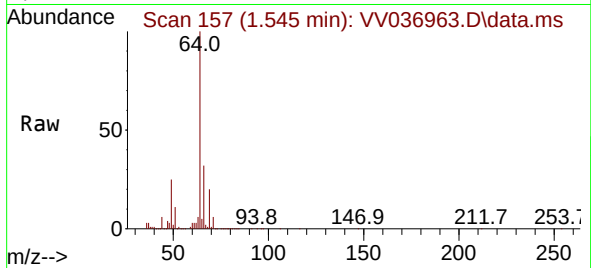




#8
Chloroethane
Concen: 53.410 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

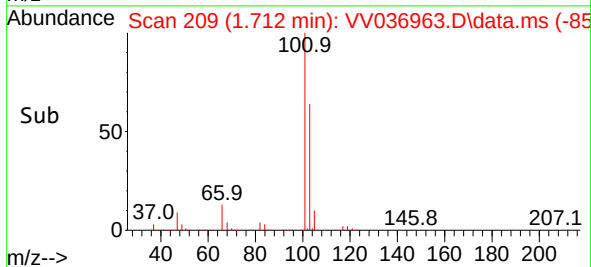
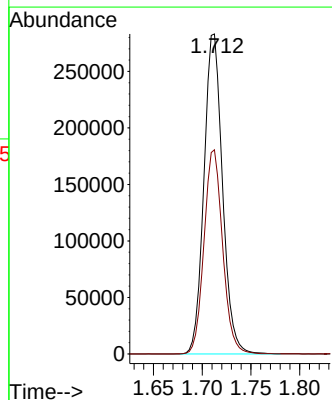
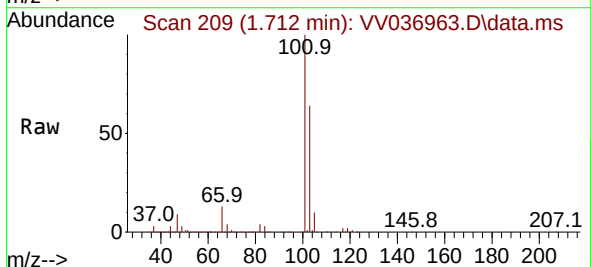
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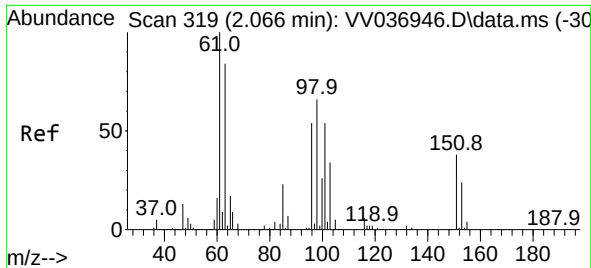
Tgt Ion: 64 Resp: 175564
Ion Ratio Lower Upper
64 100
66 32.0 23.2 43.0



#9
Trichlorofluoromethane
Concen: 54.013 ug/L
RT: 1.712 min Scan# 209
Delta R.T. 0.000 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

Tgt Ion: 101 Resp: 375446
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.0

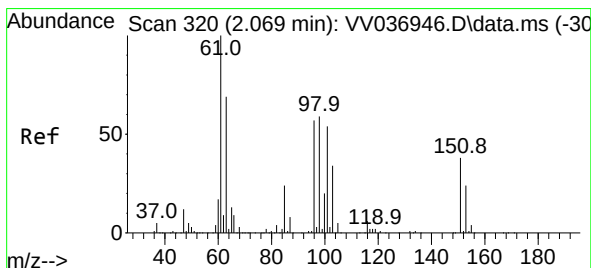
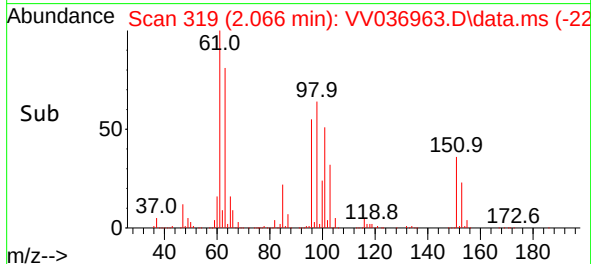
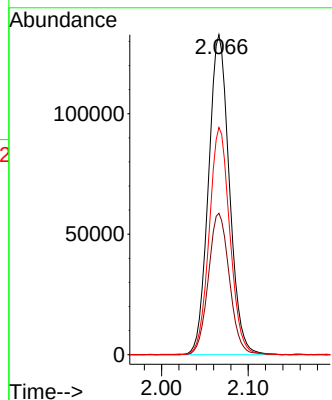
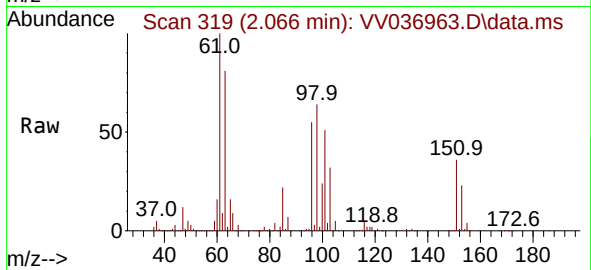




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 54.195 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. 0.000 min
 Lab File: VV036963.D
 Acq: 16 Aug 2024 18:10

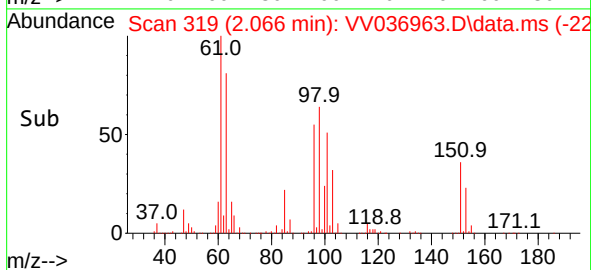
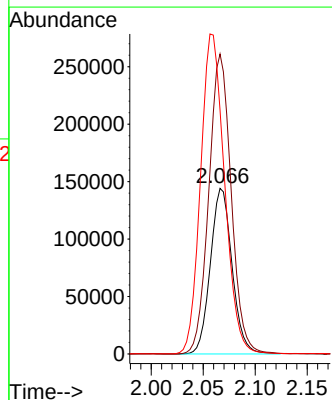
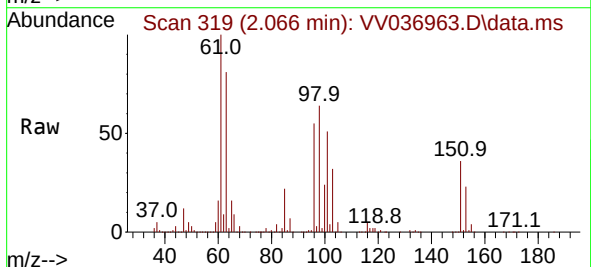
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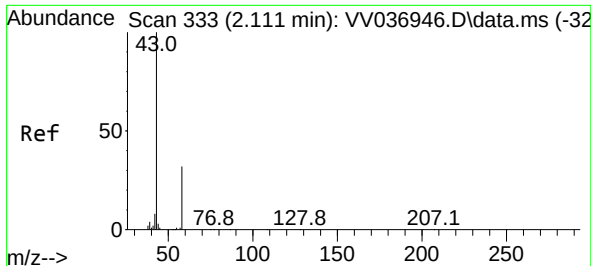
Tgt Ion:101 Resp: 221976
 Ion Ratio Lower Upper
 101 100
 85 44.3 34.6 51.8
 151 70.4 55.9 83.9



#12
 1,1-Dichloroethene
 Concen: 53.487 ug/L
 RT: 2.066 min Scan# 319
 Delta R.T. -0.003 min
 Lab File: VV036963.D
 Acq: 16 Aug 2024 18:10

Tgt Ion: 96 Resp: 209233
 Ion Ratio Lower Upper
 96 100
 61 181.0 125.6 233.2
 63 147.2 95.1 176.7





#13

Acetone

Concen: 89.627 ug/L

RT: 2.114 min Scan# 311

Delta R.T. 0.003 min

Lab File: VV036963.D

Acq: 16 Aug 2024 18:10

Instrument :

MSVOA_V

ClientSampleId :

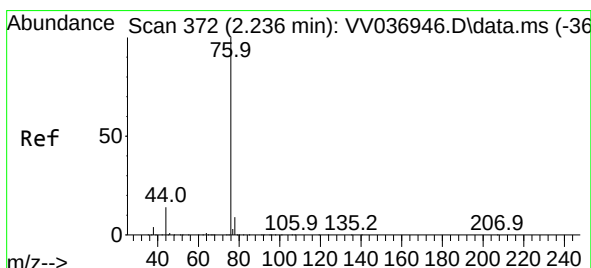
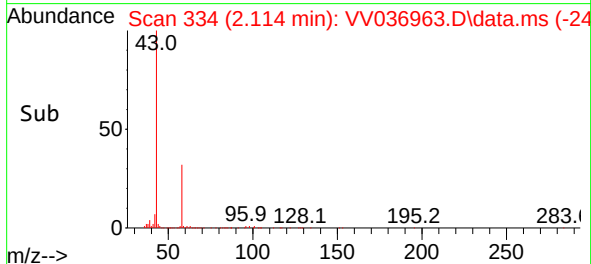
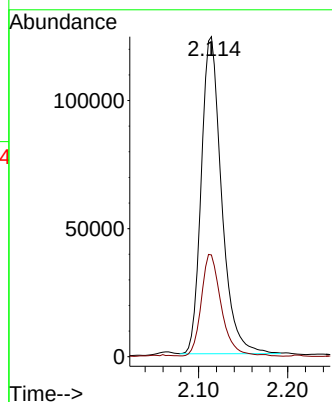
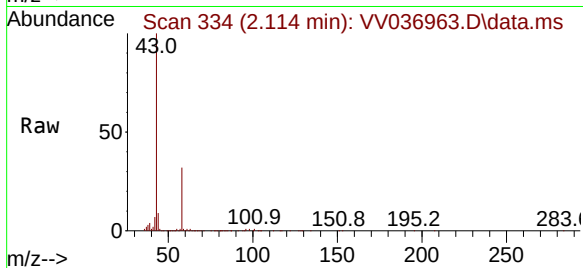
JAAS5MSD

Tgt Ion: 43 Resp: 196520

Ion Ratio Lower Upper

43 100

58 31.3 0.0 63.4



#14

Carbon disulfide

Concen: 44.811 ug/L

RT: 2.237 min Scan# 372

Delta R.T. 0.000 min

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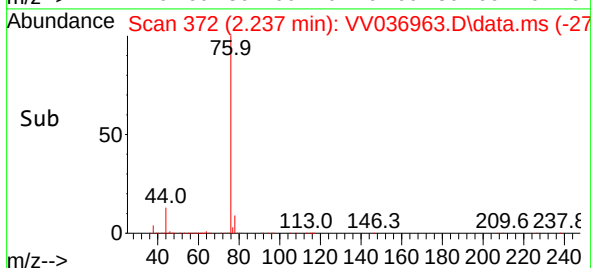
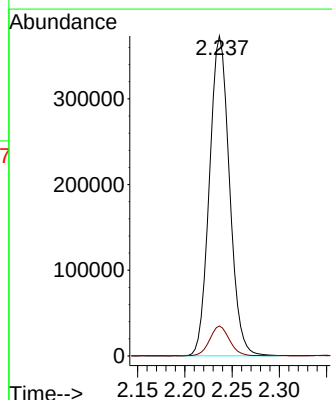
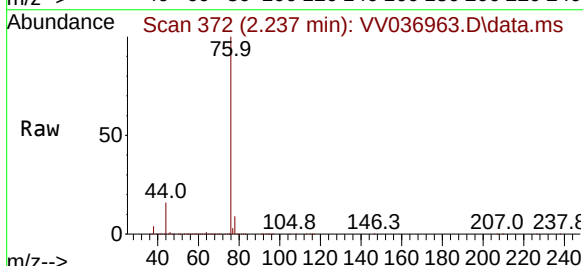
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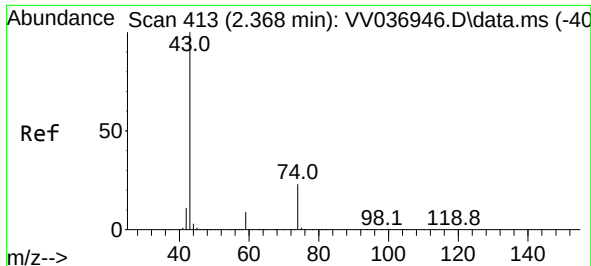
Tgt Ion: 76 Resp: 550646

Ion Ratio Lower Upper

76 100

78 9.3 7.1 10.7

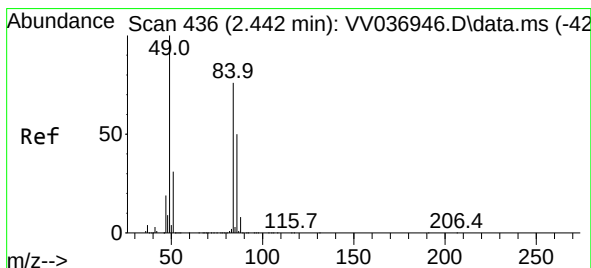
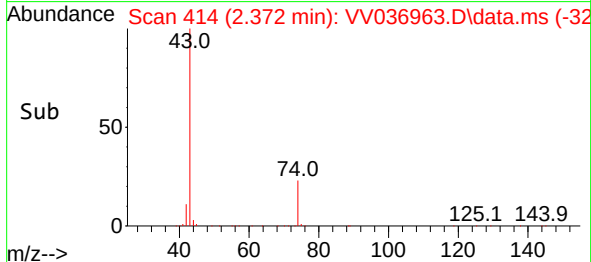
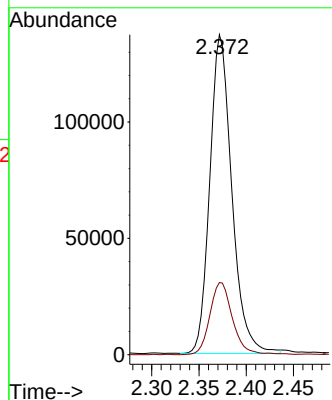
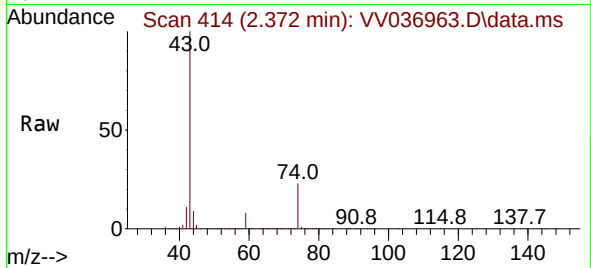




#15
Methyl Acetate
Concen: 49.124 ug/L
RT: 2.372 min Scan# 413
Delta R.T. 0.003 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

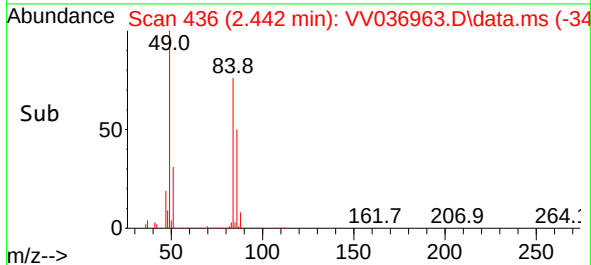
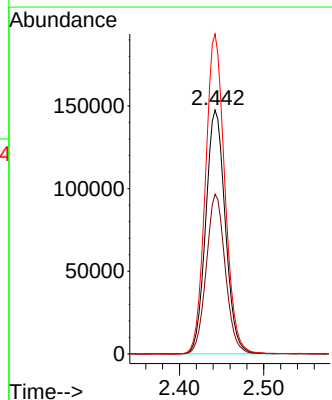
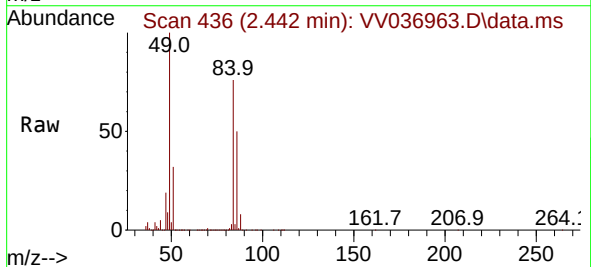
Instrument :
MSVOA_V
ClientSampleId :
JAAS5MSD

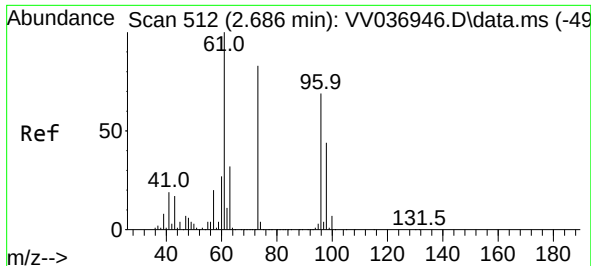
Tgt Ion: 43 Resp: 221890
Ion Ratio Lower Upper
43 100
74 23.0 19.0 28.4



#16
Methylene chloride
Concen: 54.087 ug/L
RT: 2.442 min Scan# 436
Delta R.T. 0.000 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

Tgt Ion: 84 Resp: 237861
Ion Ratio Lower Upper
84 100
86 65.5 44.3 82.3
49 131.2 91.1 169.1

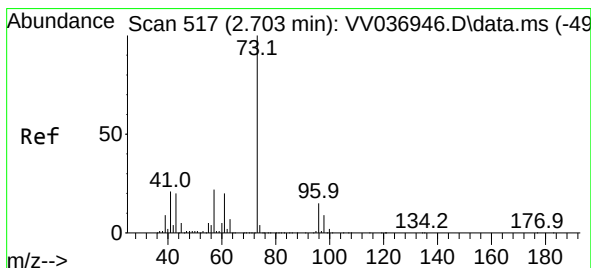
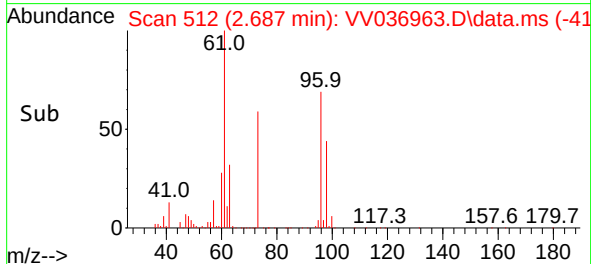
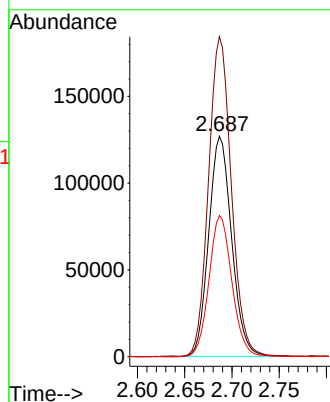
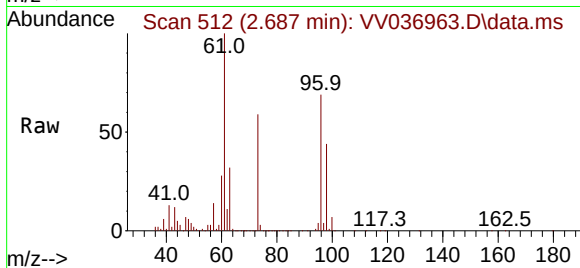




#17
trans-1,2-Dichloroethene
Concen: 52.795 ug/L
RT: 2.687 min Scan# 512
Delta R.T. 0.000 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

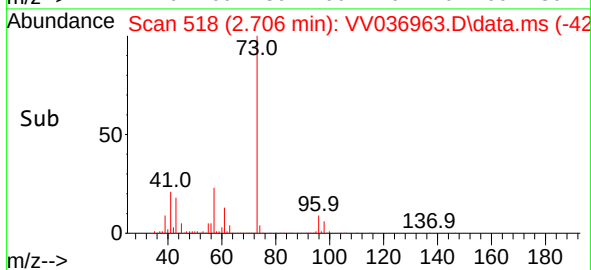
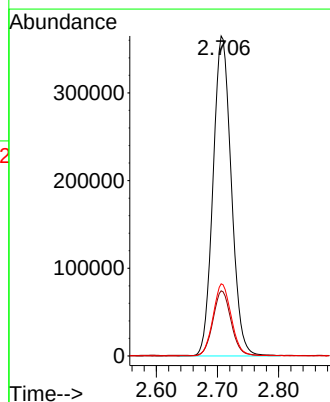
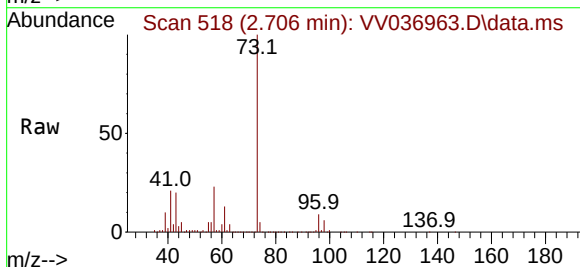
Instrument :
MSVOA_V
ClientSampleId :
JAAS5MSD

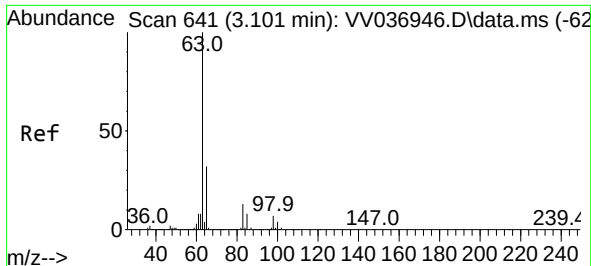
Tgt Ion: 96 Resp: 213927
Ion Ratio Lower Upper
96 100
61 145.2 100.0 185.8
98 64.0 44.0 81.8



#18
Methyl tert-butyl Ether
Concen: 52.976 ug/L
RT: 2.706 min Scan# 518
Delta R.T. 0.003 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

Tgt Ion: 73 Resp: 756027
Ion Ratio Lower Upper
73 100
43 19.9 16.1 24.1
57 22.4 17.9 26.9

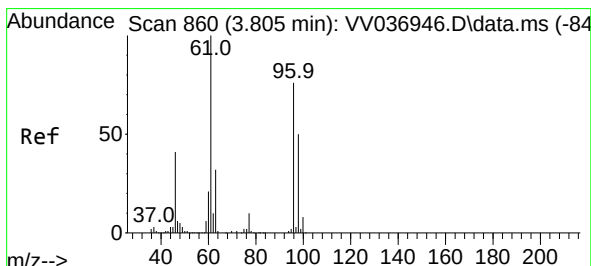
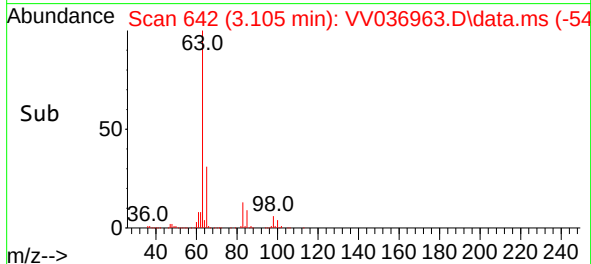
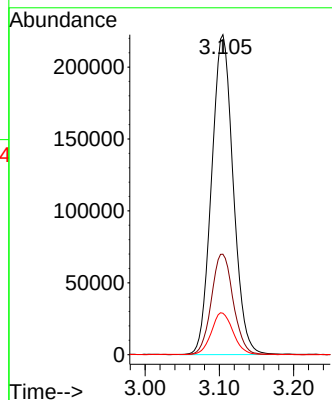
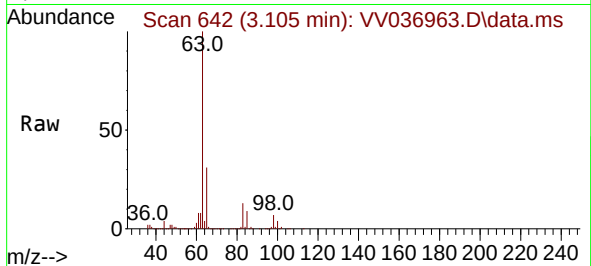




#19
1,1-Dichloroethane
Concen: 54.950 ug/L
RT: 3.105 min Scan# 641
Delta R.T. 0.003 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

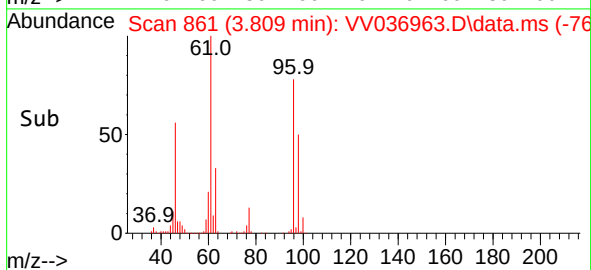
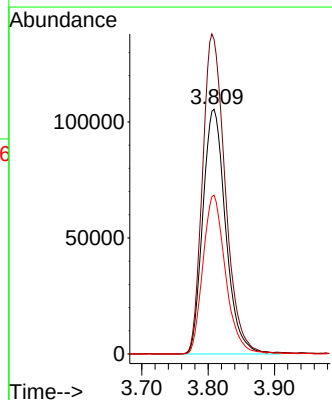
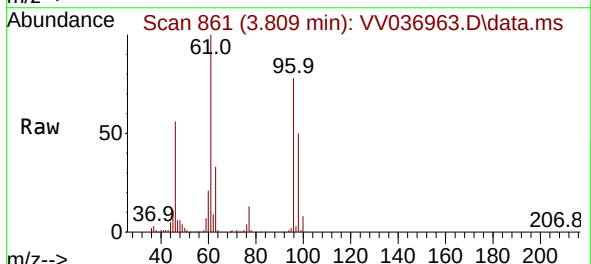
Instrument :
MSVOA_V
ClientSampleId :
JAAS5MSD

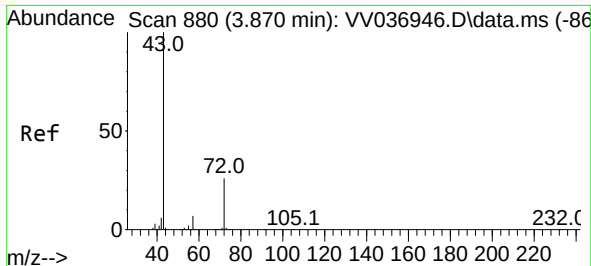
Tgt Ion: 63 Resp: 449849
Ion Ratio Lower Upper
63 100
65 31.4 23.2 43.0
83 13.0 9.2 17.0



#20
cis-1,2-Dichloroethene
Concen: 53.037 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

Tgt Ion: 96 Resp: 252242
Ion Ratio Lower Upper
96 100
61 128.5 93.9 174.5
98 64.9 46.0 85.4

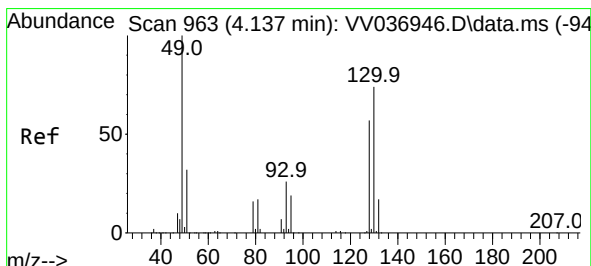
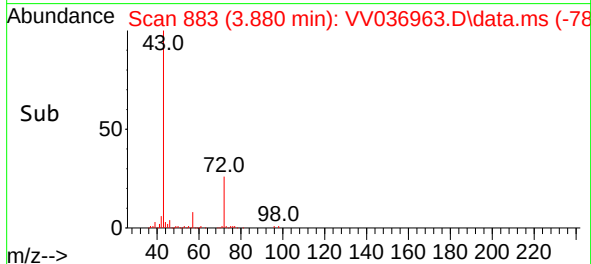
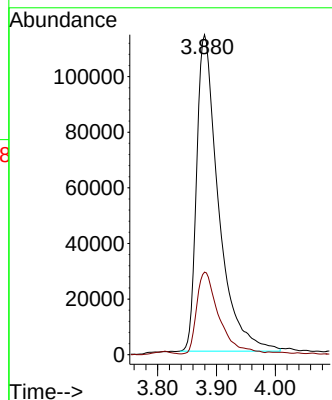
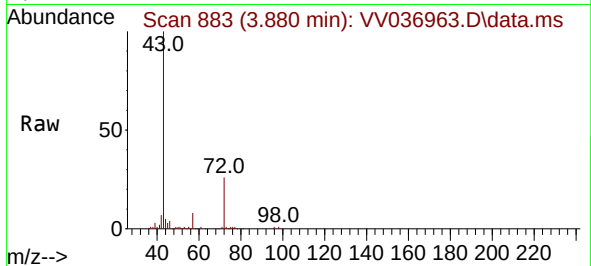




#22
2-Butanone
Concen: 100.214 ug/L
RT: 3.880 min Scan# 880
Delta R.T. 0.010 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

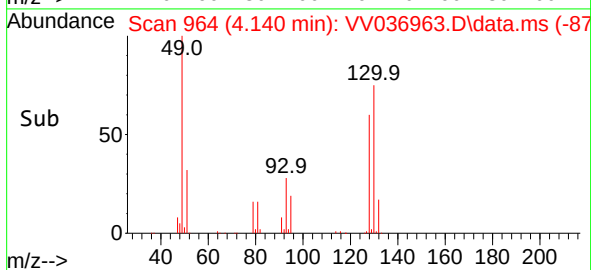
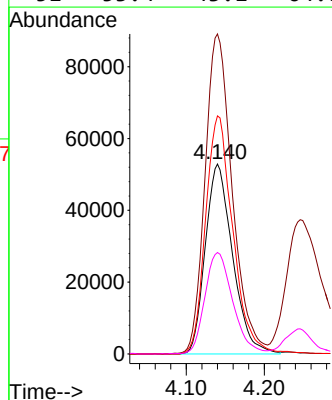
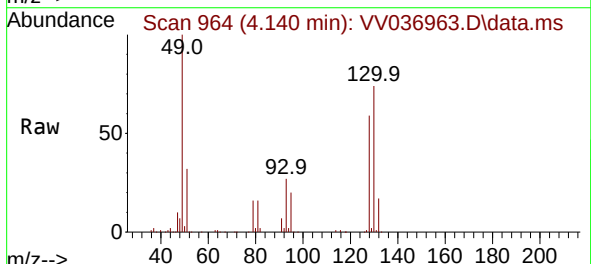
Instrument :
MSVOA_V
ClientSampleId :
JAAS5MSD

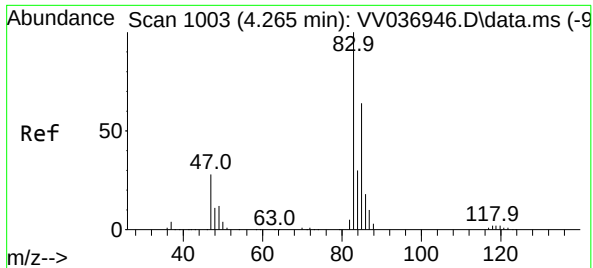
Tgt Ion: 43 Resp: 294364
Ion Ratio Lower Upper
43 100
72 26.3 12.5 37.5



#23
Bromochloromethane
Concen: 55.592 ug/L
RT: 4.140 min Scan# 964
Delta R.T. 0.003 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

Tgt Ion: 128 Resp: 128432
Ion Ratio Lower Upper
128 100
49 168.5 120.0 223.0
130 125.3 87.0 161.6
51 53.4 43.1 64.7

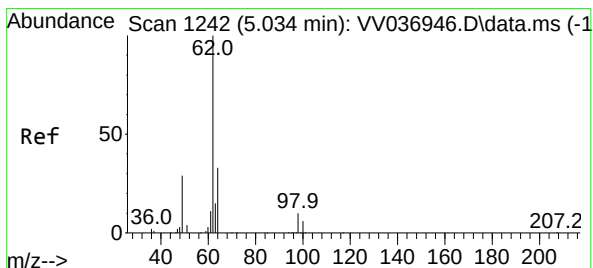
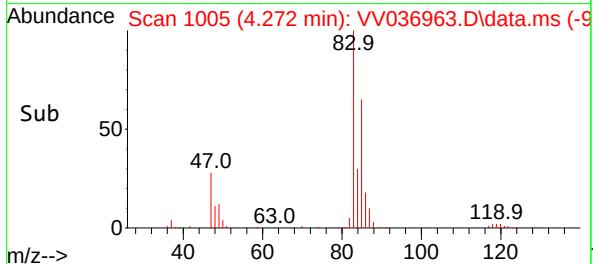
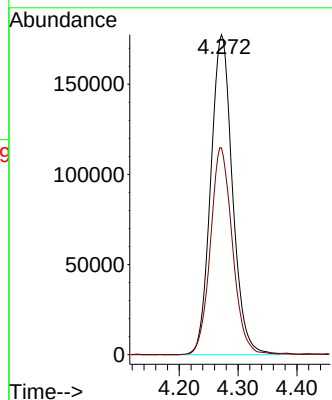
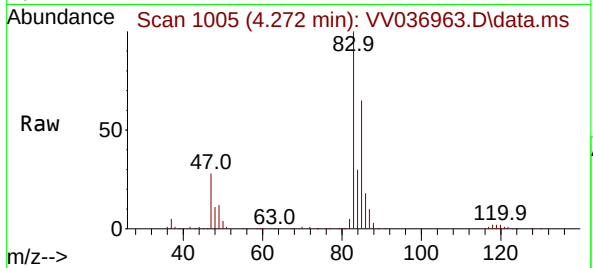




#25
Chloroform
Concen: 54.155 ug/L
RT: 4.272 min Scan# 1005
Delta R.T. 0.007 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

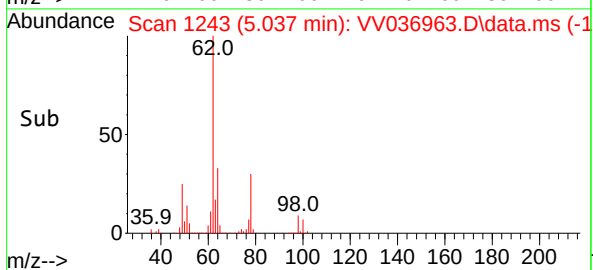
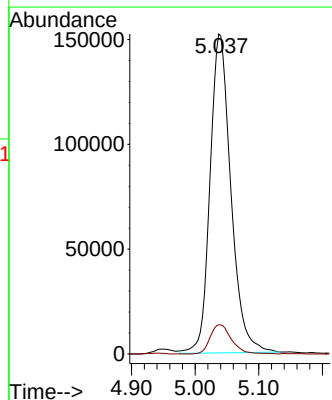
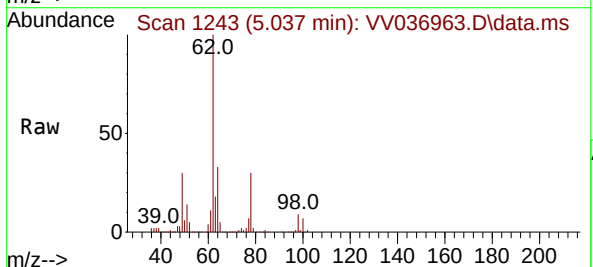
Instrument :
MSVOA_V
ClientSampleId :
JAAS5MSD

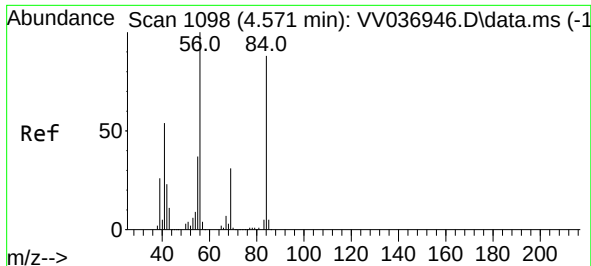
Tgt Ion: 83 Resp: 455353
Ion Ratio Lower Upper
83 100
85 64.7 46.0 85.4



#27
1,2-Dichloroethane
Concen: 52.241 ug/L
RT: 5.037 min Scan# 1243
Delta R.T. 0.003 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

Tgt Ion: 62 Resp: 346486
Ion Ratio Lower Upper
62 100
98 9.1 7.5 11.3





#29

Cyclohexane

Concen: 47.938 ug/L

RT: 4.571 min Scan# 1098

Delta R.T. 0.000 min

Lab File: VV036963.D

Acq: 16 Aug 2024 18:10

Instrument :

MSVOA_V

ClientSampleId :

JAAS5MSD

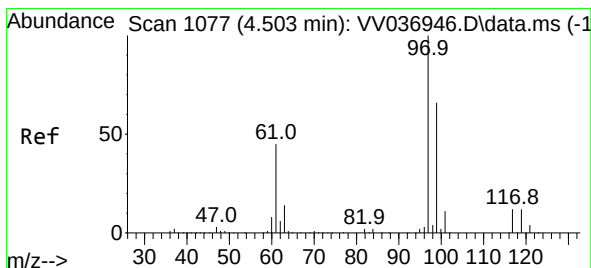
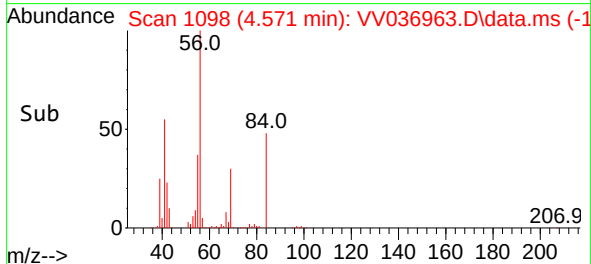
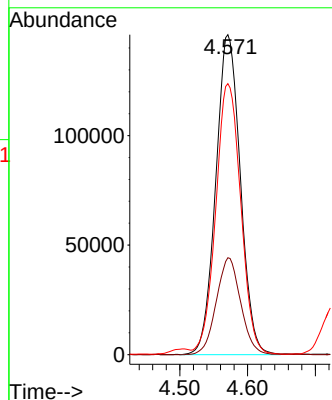
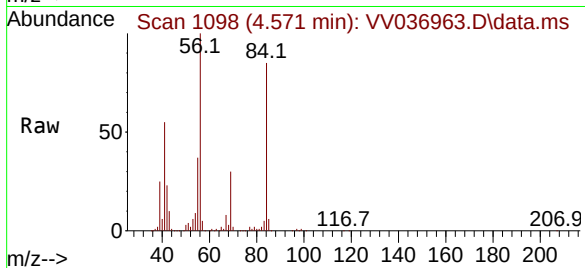
Tgt Ion: 56 Resp: 368060

Ion Ratio Lower Upper

56 100

69 30.0 24.7 37.1

84 86.0 68.5 102.7



#30

1,1,1-Trichloroethane

Concen: 49.560 ug/L

RT: 4.503 min Scan# 1077

Delta R.T. 0.000 min

Lab File: VV036963.D

Acq: 16 Aug 2024 18:10

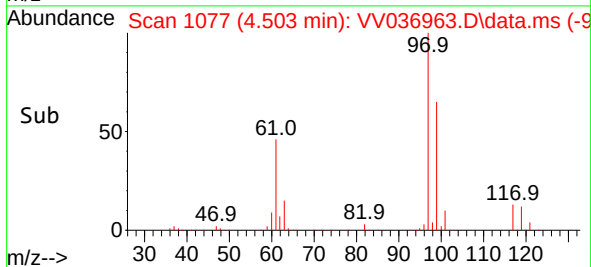
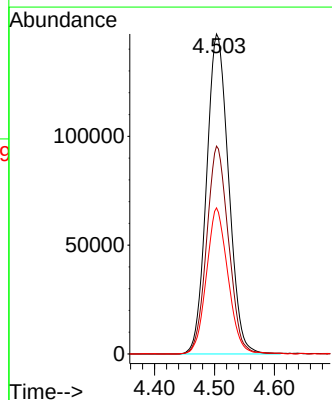
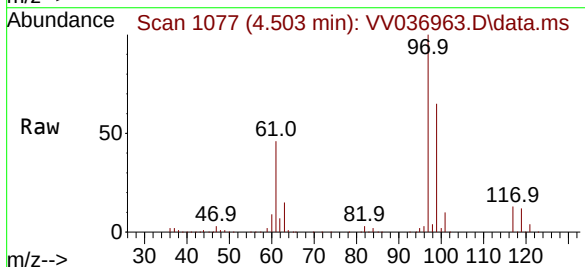
Tgt Ion: 97 Resp: 376252

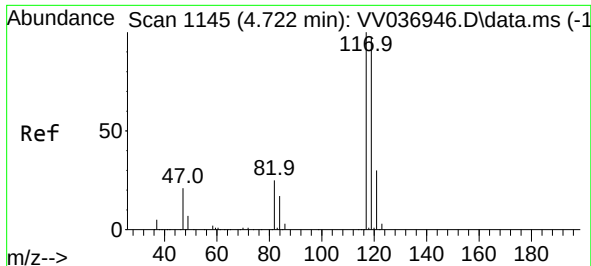
Ion Ratio Lower Upper

97 100

99 64.3 51.5 77.3

61 44.3 36.0 54.0

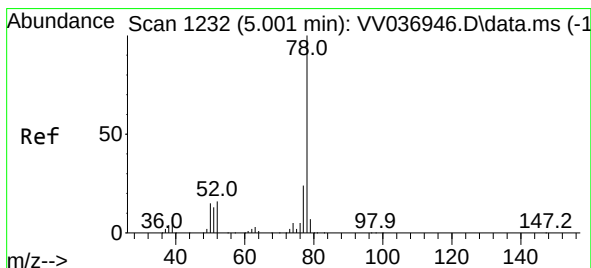
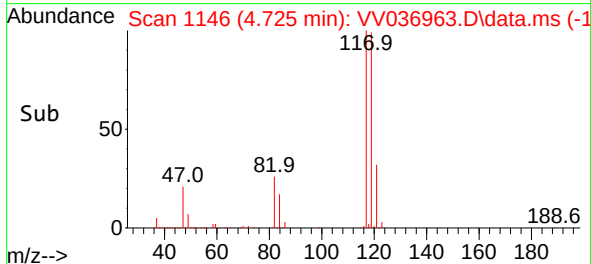
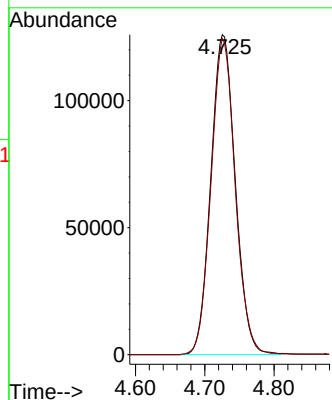
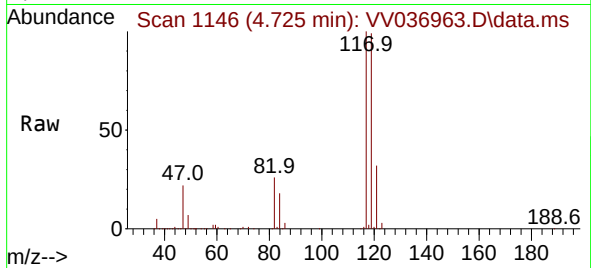




#31
Carbon tetrachloride
Concen: 48.563 ug/L
RT: 4.725 min Scan# 1145
Delta R.T. 0.003 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

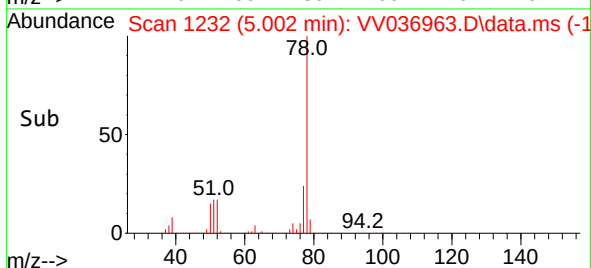
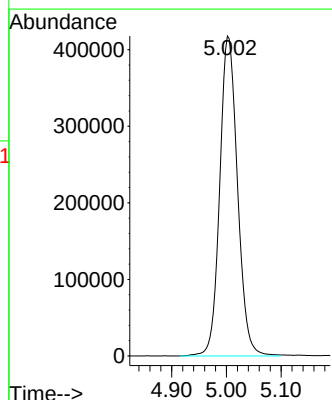
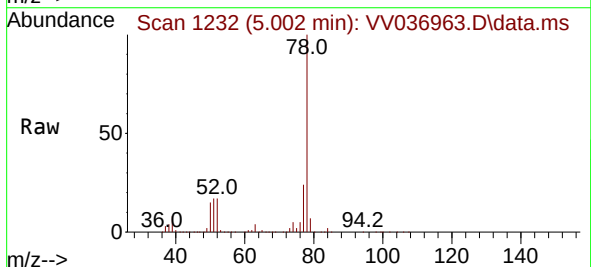
Instrument :
MSVOA_V
ClientSampleId :
JAAS5MSD

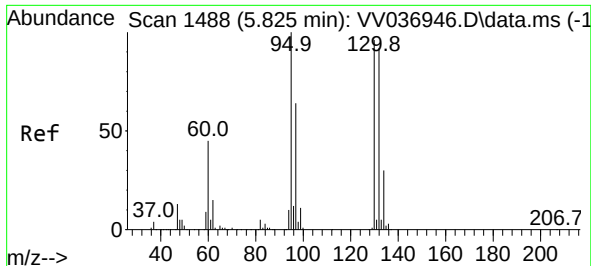
Tgt Ion:117 Resp: 309631
Ion Ratio Lower Upper
117 100
119 97.3 76.1 114.1



#33
Benzene
Concen: 52.305 ug/L
RT: 5.002 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

Tgt Ion: 78 Resp: 942729

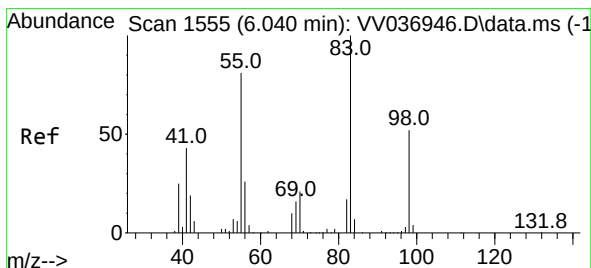
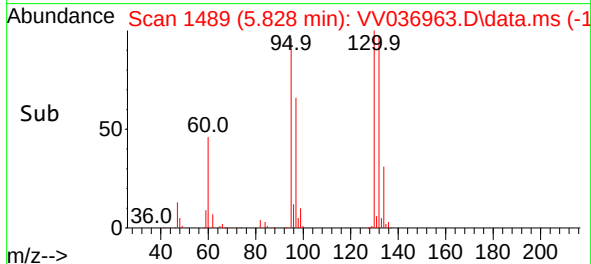
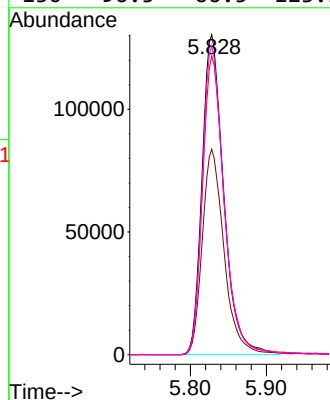
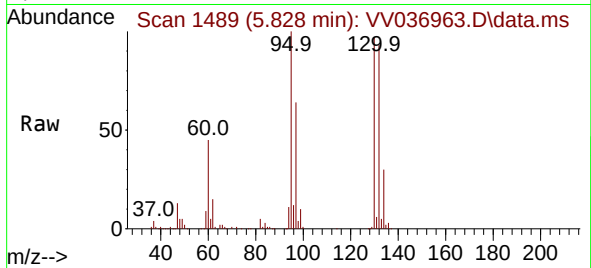




#34
Trichloroethene
Concen: 49.576 ug/L
RT: 5.828 min Scan# 1488
Delta R.T. 0.003 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

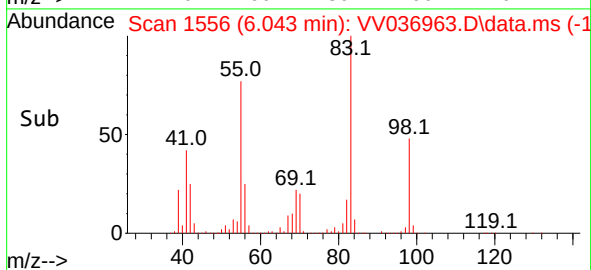
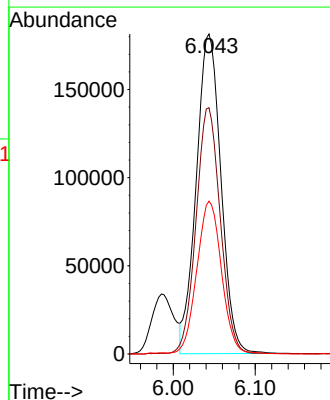
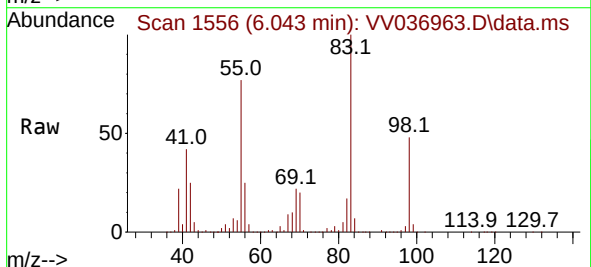
Instrument :
MSVOA_V
ClientSampleId :
JAAS5MSD

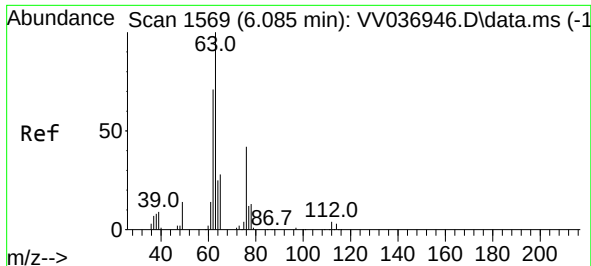
Tgt Ion: 95 Resp: 258960
Ion Ratio Lower Upper
95 100
97 64.2 44.7 82.9
132 93.3 62.9 116.9
130 96.5 66.5 123.5



#35
Methylcyclohexane
Concen: 47.281 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.003 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

Tgt Ion: 83 Resp: 378977
Ion Ratio Lower Upper
83 100
55 75.4 62.3 93.5
98 47.8 38.7 58.1





#37

1,2-Dichloropropane

Concen: 53.782 ug/L

RT: 6.092 min Scan# 1

Delta R.T. 0.007 min

Lab File: VV036963.D

Acq: 16 Aug 2024 18:10

Instrument :

MSVOA_V

ClientSampleId :

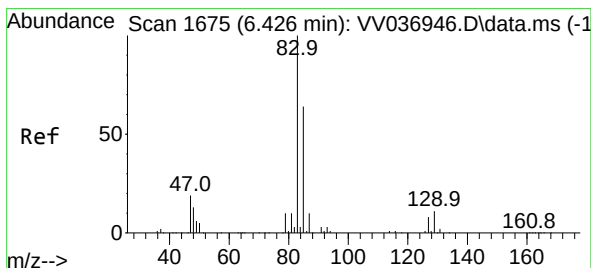
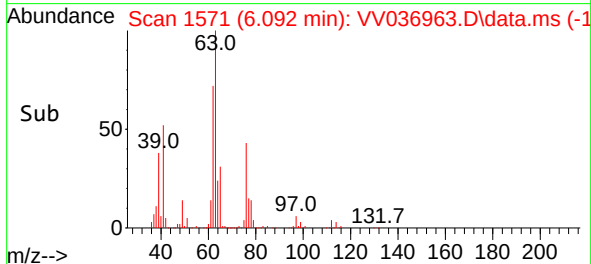
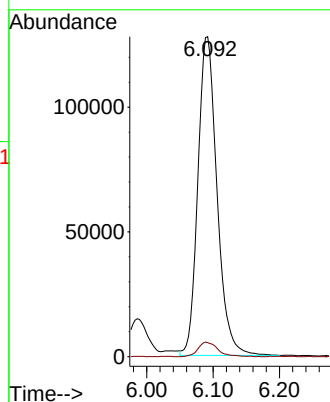
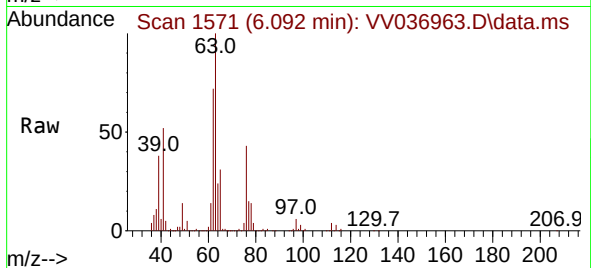
JAAS5MSD

Tgt Ion: 63 Resp: 256785

Ion Ratio Lower Upper

63 100

112 4.7 3.6 5.4



#38

Bromodichloromethane

Concen: 50.412 ug/L

RT: 6.429 min Scan# 1676

Delta R.T. 0.003 min

Lab File: VV036963.D

Acq: 16 Aug 2024 18:10

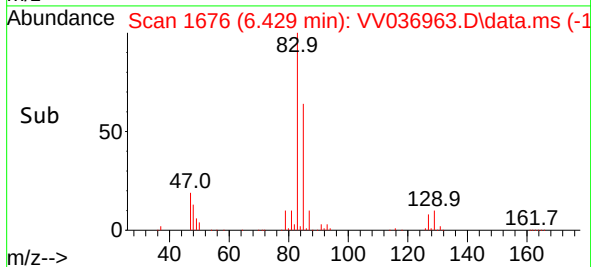
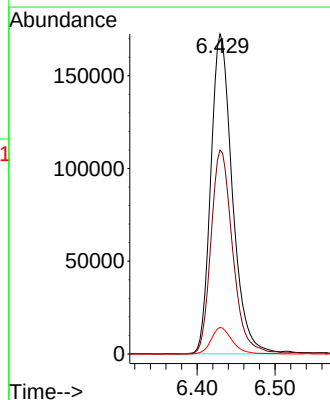
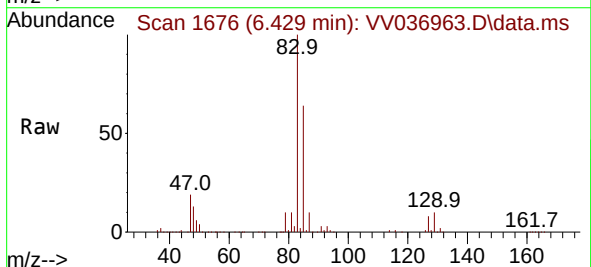
Tgt Ion: 83 Resp: 331457

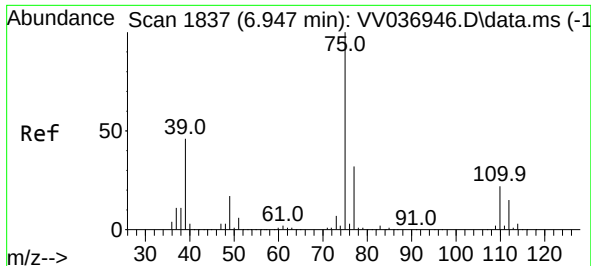
Ion Ratio Lower Upper

83 100

85 63.7 44.7 83.1

127 8.3 6.2 9.4





#39

cis-1,3-Dichloropropene

Concen: 47.712 ug/L

RT: 6.950 min Scan# 1837

Delta R.T. 0.003 min

Lab File: VV036963.D

Acq: 16 Aug 2024 18:10

Instrument :

MSVOA_V

ClientSampleId :

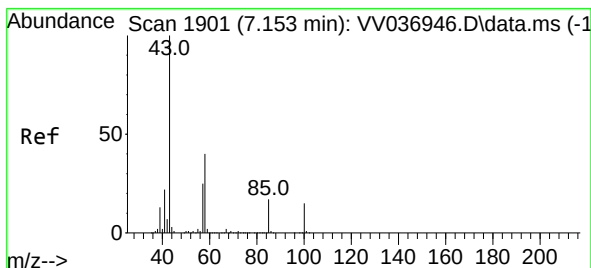
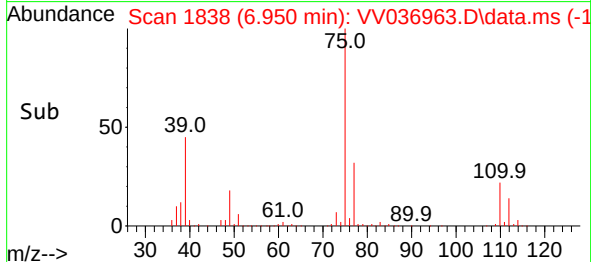
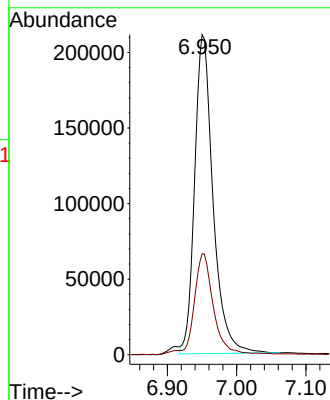
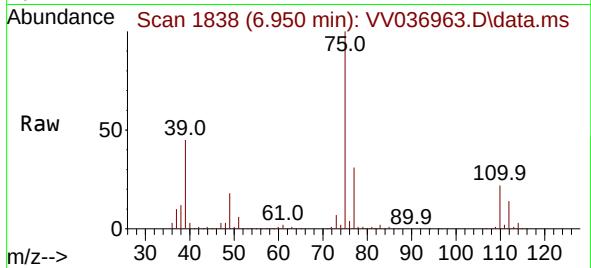
JAAS5MSD

Tgt Ion: 75 Resp: 390145

Ion Ratio Lower Upper

75 100

77 31.5 22.2 41.2



#40

4-Methyl-2-pentanone

Concen: 104.013 ug/L

RT: 7.159 min Scan# 1903

Delta R.T. 0.007 min

Lab File: VV036963.D

Acq: 16 Aug 2024 18:10

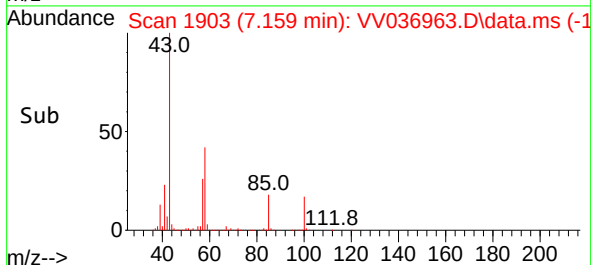
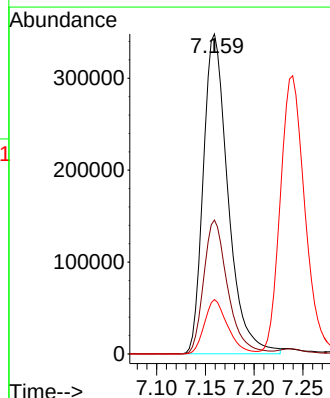
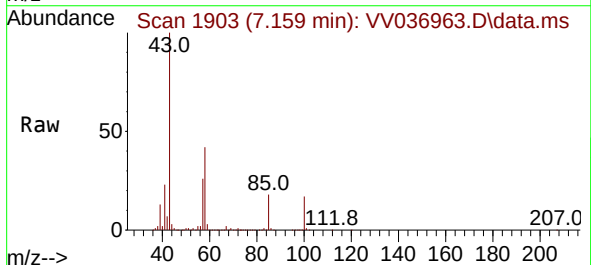
Tgt Ion: 43 Resp: 615194

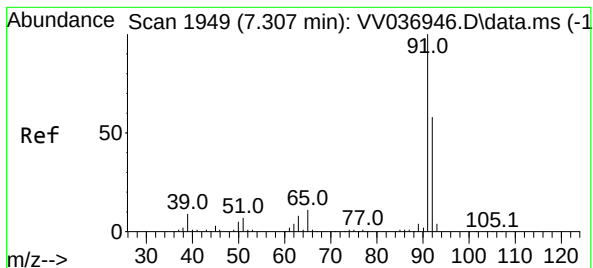
Ion Ratio Lower Upper

43 100

58 40.8 31.3 46.9

100 16.1 12.6 18.8





#42

Toluene

Concen: 51.569 ug/L

RT: 7.310 min Scan# 1949

Delta R.T. 0.003 min

Lab File: VV036963.D

Acq: 16 Aug 2024 18:10

Instrument :

MSVOA_V

ClientSampleId :

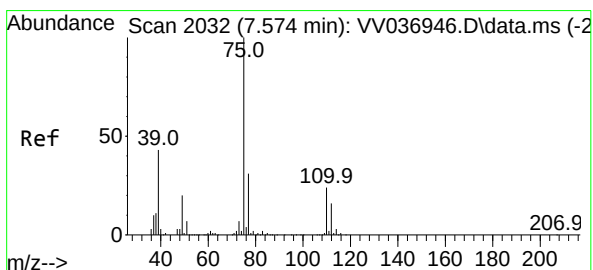
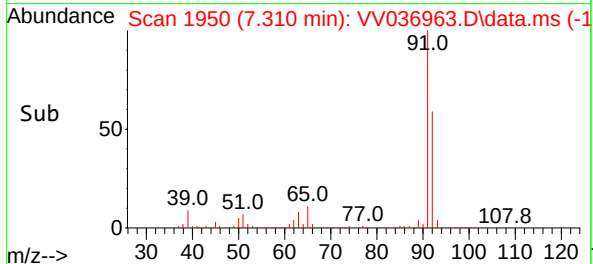
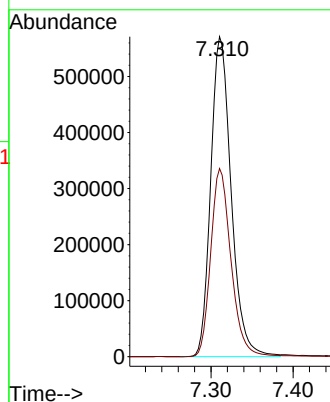
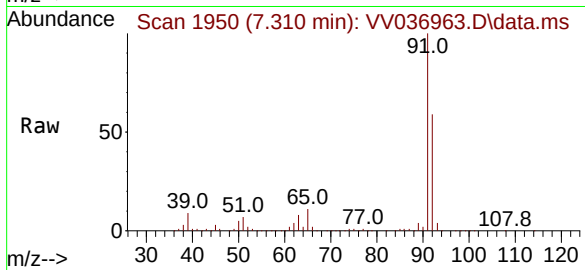
JAAS5MSD

Tgt Ion: 91 Resp: 989986

Ion Ratio Lower Upper

91 100

92 58.8 40.5 75.1



#44

trans-1,3-Dichloropropene

Concen: 47.460 ug/L

RT: 7.577 min Scan# 2033

Delta R.T. 0.003 min

Lab File: VV036963.D

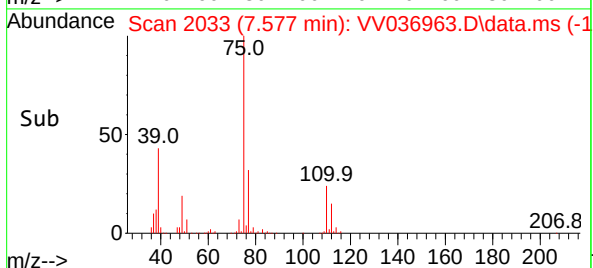
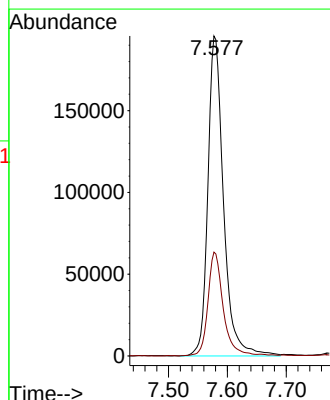
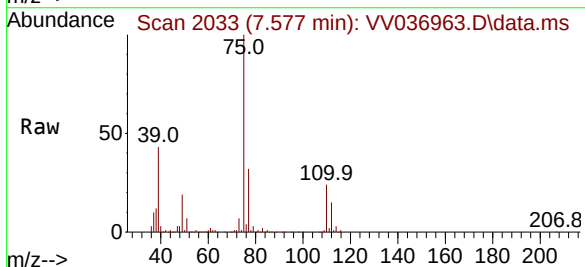
Acq: 16 Aug 2024 18:10

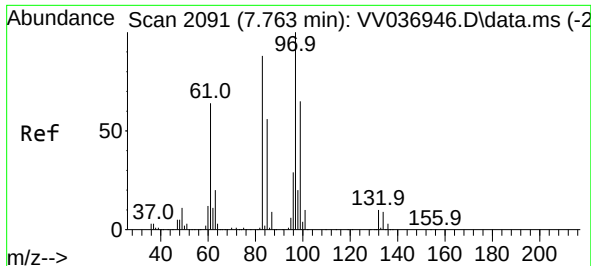
Tgt Ion: 75 Resp: 361632

Ion Ratio Lower Upper

75 100

77 32.4 22.4 41.6



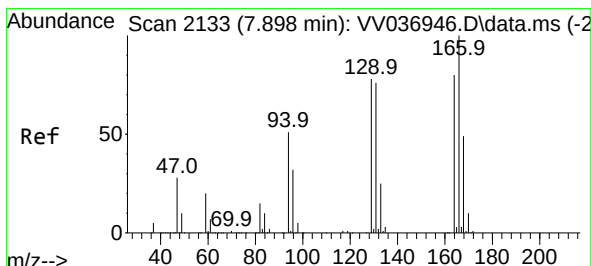
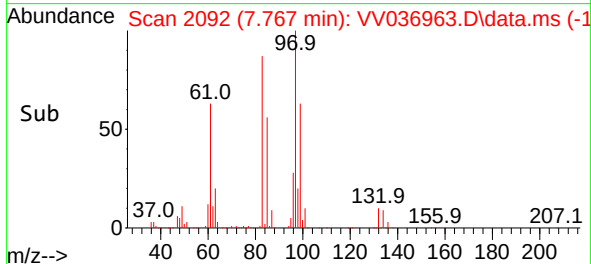
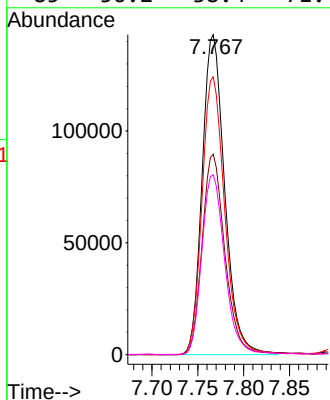
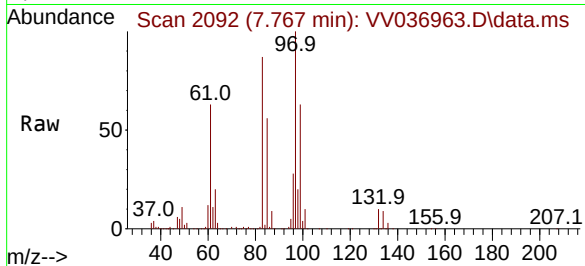


#45
1,1,2-Trichloroethane
Concen: 52.994 ug/L
RT: 7.767 min Scan# 2091
Delta R.T. 0.003 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

Instrument :
MSVOA_V
ClientSampleId :
JAAS5MSD

Tgt Ion: 97 Resp: 245035

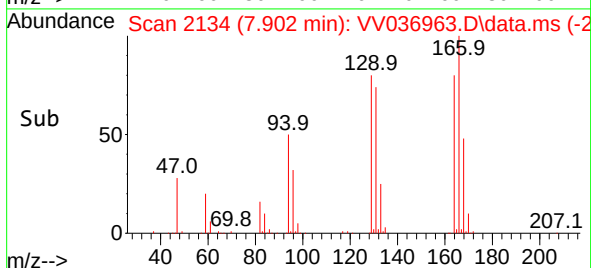
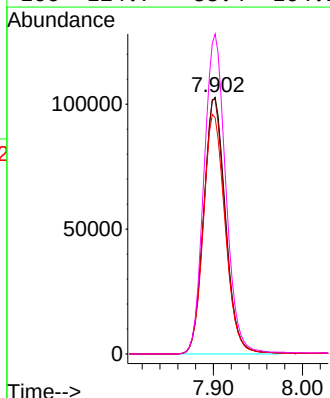
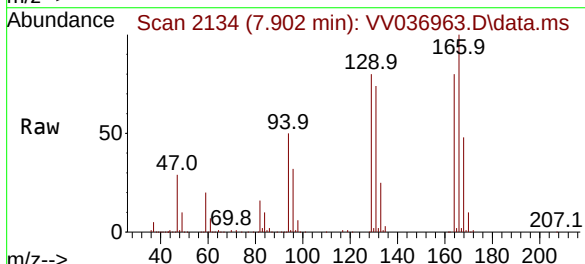
Ion	Ratio	Lower	Upper
97	100		
99	62.7	44.0	81.6
83	86.8	60.1	111.5
85	56.2	38.4	71.4

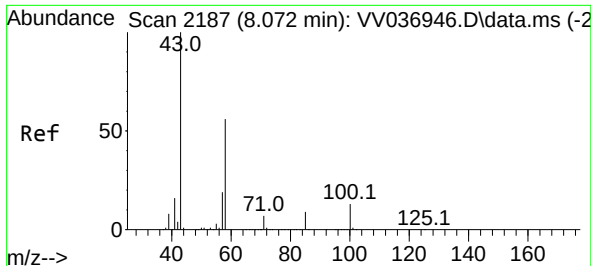


#46
Tetrachloroethene
Concen: 50.950 ug/L
RT: 7.902 min Scan# 2134
Delta R.T. 0.003 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

Tgt Ion: 164 Resp: 174569

Ion	Ratio	Lower	Upper
164	100		
129	99.1	70.4	130.8
131	92.0	67.7	125.7
166	124.7	88.4	164.2

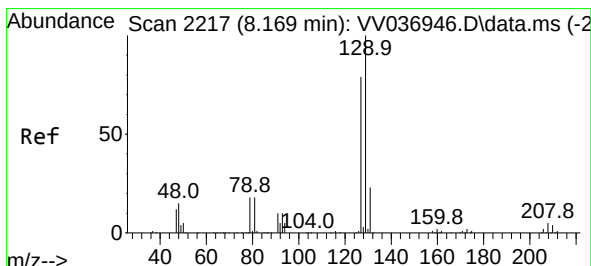
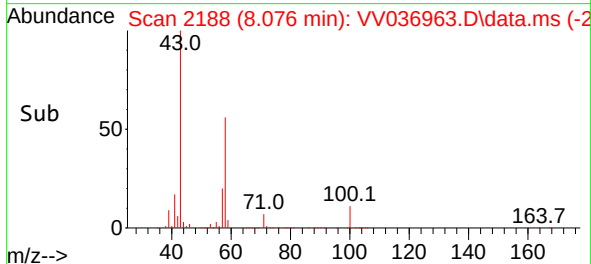
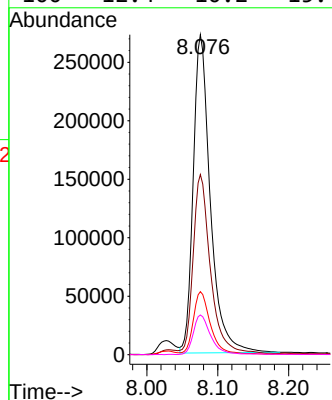
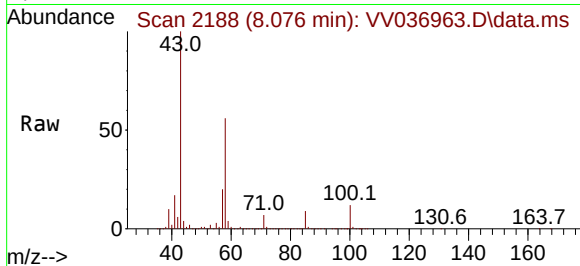




#48
2-Hexanone
Concen: 105.049 ug/L
RT: 8.076 min Scan# 2187
Delta R.T. 0.003 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

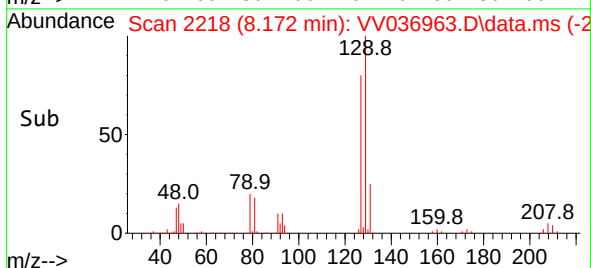
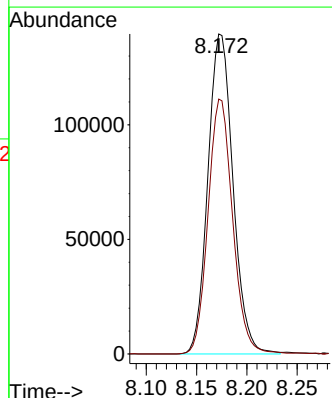
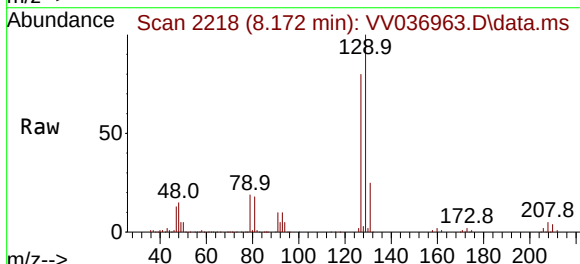
Instrument :
MSVOA_V
ClientSampleId :
JAAS5MSD

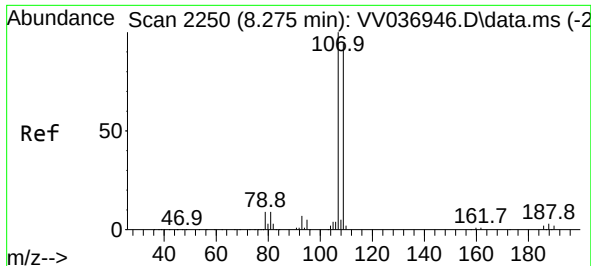
Tgt Ion: 43 Resp: 457088
Ion Ratio Lower Upper
43 100
58 56.9 44.7 67.1
57 19.0 15.0 22.4
100 12.4 10.2 15.4



#49
Dibromochloromethane
Concen: 51.057 ug/L
RT: 8.172 min Scan# 2218
Delta R.T. 0.003 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

Tgt Ion: 129 Resp: 242600
Ion Ratio Lower Upper
129 100
127 79.6 55.4 102.8





#50

1,2-Dibromoethane

Concen: 53.349 ug/L

RT: 8.278 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV036963.D

Acq: 16 Aug 2024 18:10

Instrument :

MSVOA_V

ClientSampleId :

JAAS5MSD

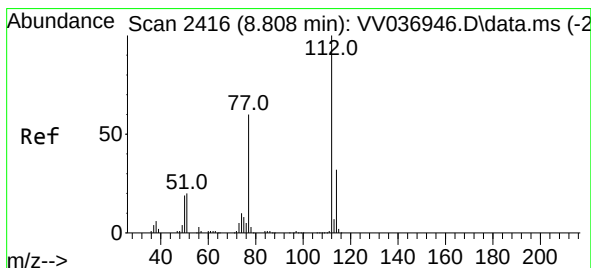
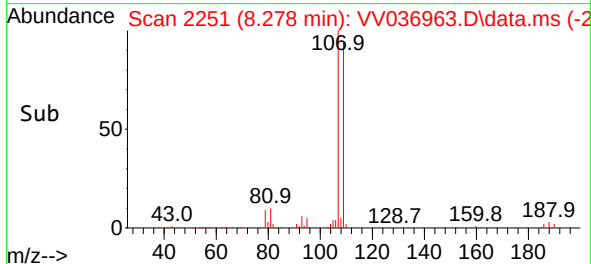
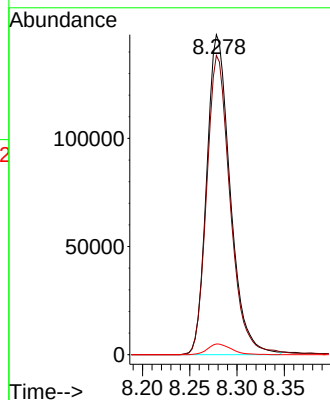
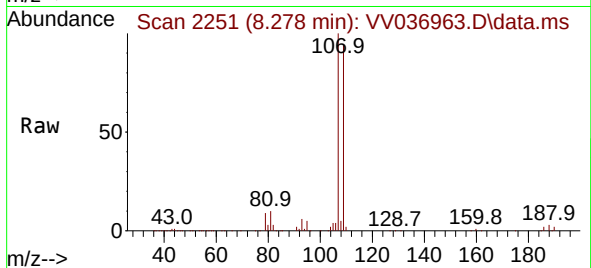
Tgt Ion:107 Resp: 255938

Ion Ratio Lower Upper

107 100

109 93.5 64.7 120.1

188 3.4 2.6 3.8



#51

Chlorobenzene

Concen: 52.011 ug/L

RT: 8.809 min Scan# 2416

Delta R.T. 0.000 min

Lab File: VV036963.D

Acq: 16 Aug 2024 18:10

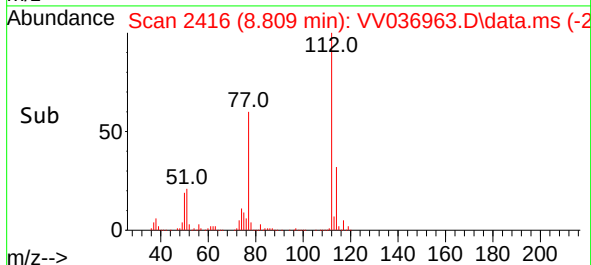
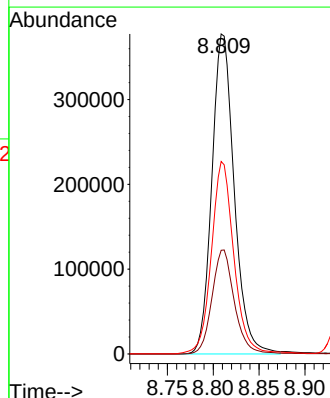
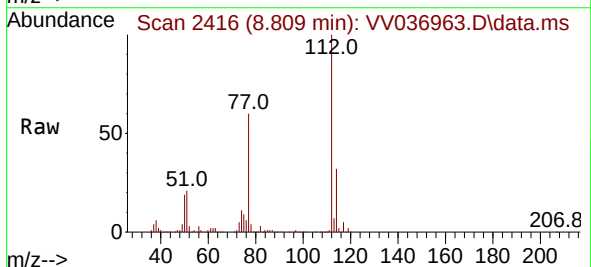
Tgt Ion:112 Resp: 640658

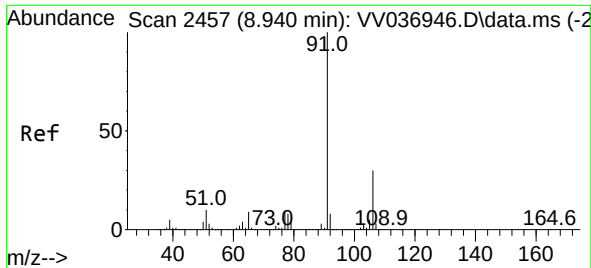
Ion Ratio Lower Upper

112 100

114 32.4 22.3 41.5

77 60.1 48.9 73.3

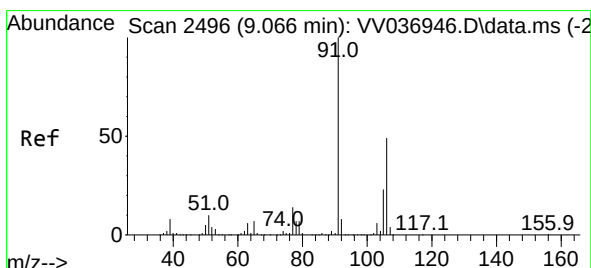
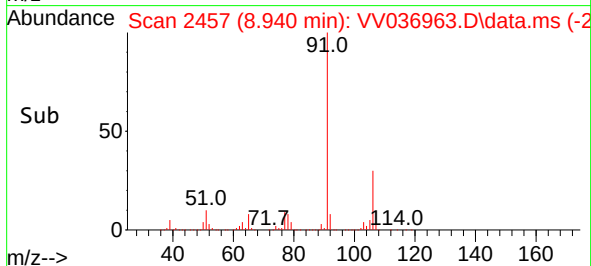
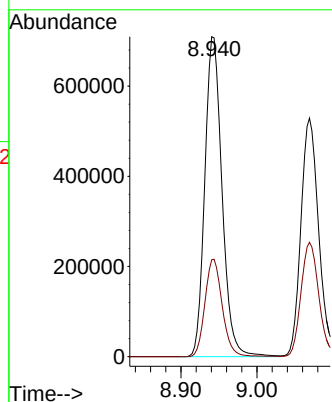
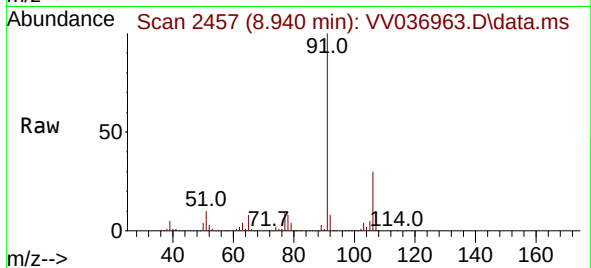




#52
Ethylbenzene
Concen: 51.062 ug/L
RT: 8.940 min Scan# 2457
Delta R.T. 0.000 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

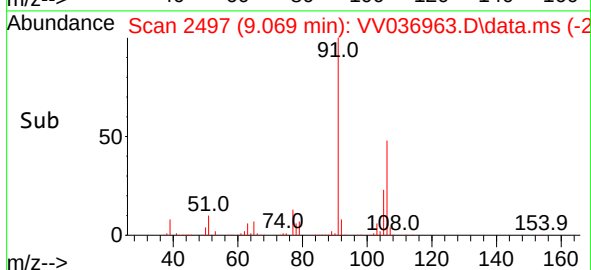
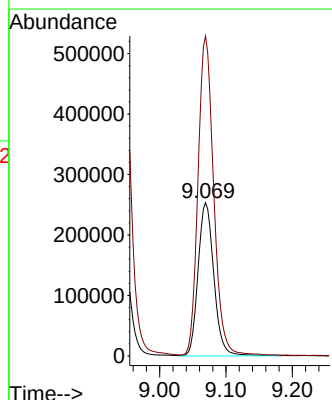
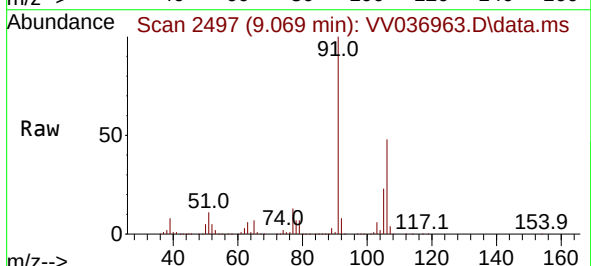
Instrument :
MSVOA_V
ClientSampleId :
JAAS5MSD

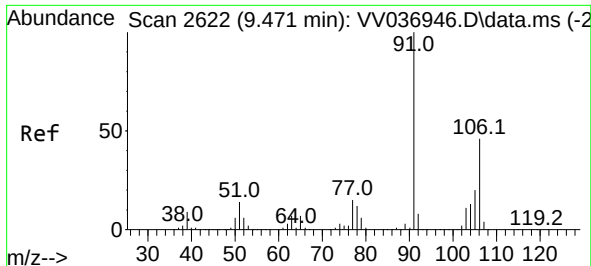
Tgt Ion: 91 Resp: 1119277
Ion Ratio Lower Upper
91 100
106 30.3 21.1 39.1



#53
m,p-Xylene
Concen: 50.990 ug/L
RT: 9.069 min Scan# 2497
Delta R.T. 0.003 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

Tgt Ion:106 Resp: 417786
Ion Ratio Lower Upper
106 100
91 208.7 147.1 273.3

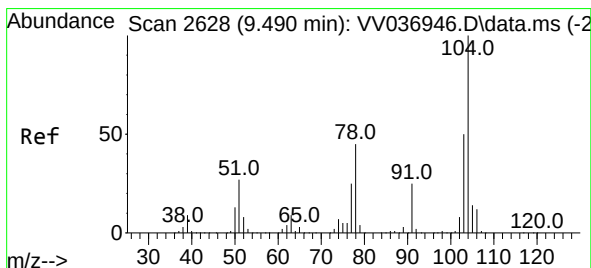
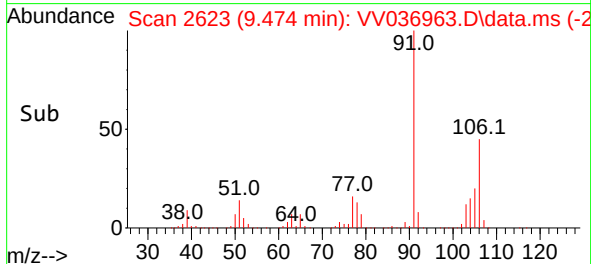
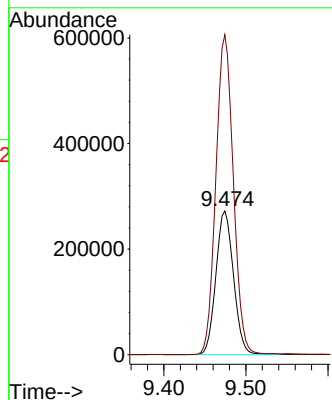
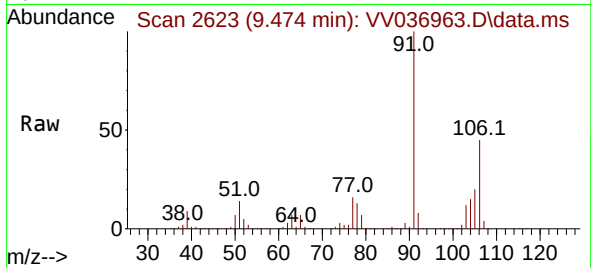




#54
o-Xylene
Concen: 50.728 ug/L
RT: 9.474 min Scan# 2622
Delta R.T. 0.003 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

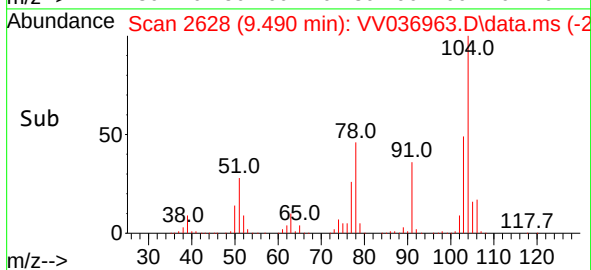
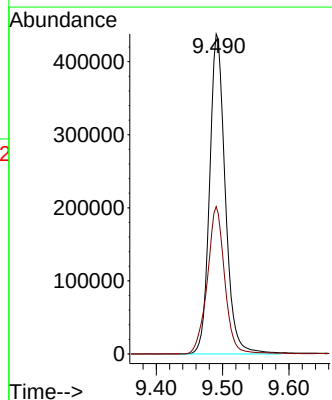
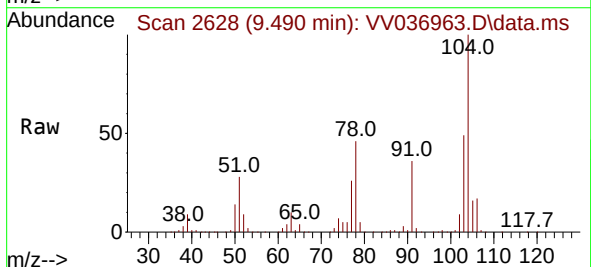
Instrument :
MSVOA_V
ClientSampleId :
JAAS5MSD

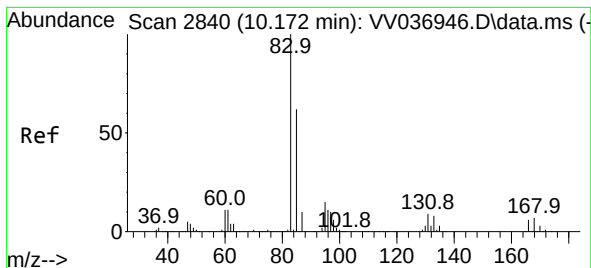
Tgt Ion:106 Resp: 406527
Ion Ratio Lower Upper
106 100
91 222.8 154.5 286.9



#55
Styrene
Concen: 52.398 ug/L
RT: 9.490 min Scan# 2628
Delta R.T. 0.000 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

Tgt Ion:104 Resp: 719597
Ion Ratio Lower Upper
104 100
78 46.1 32.1 59.7

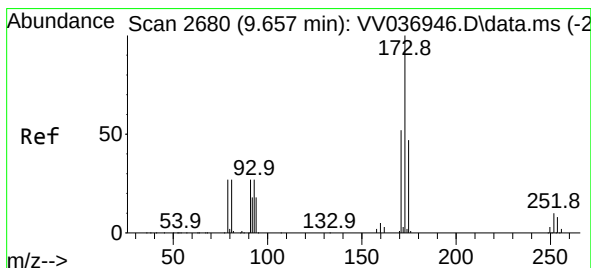
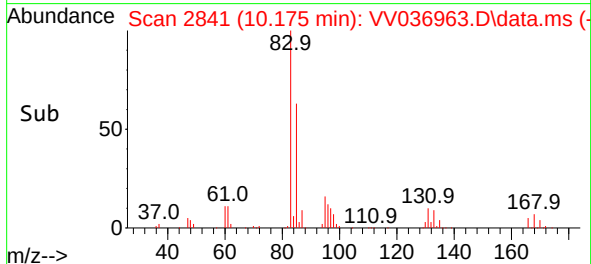
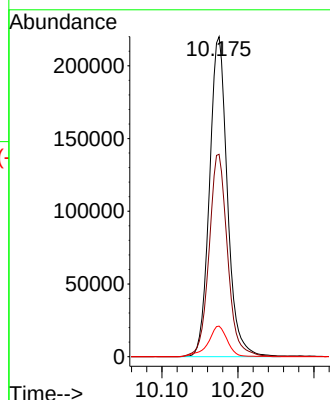
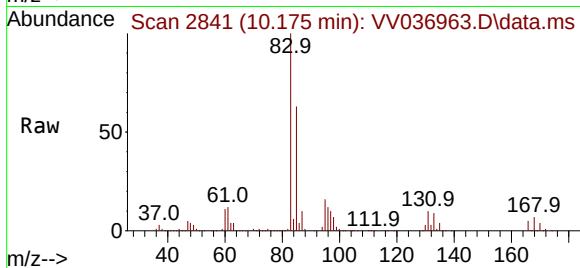




#57
1,1,2,2-Tetrachloroethane
Concen: 57.708 ug/L
RT: 10.175 min Scan# 2840
Delta R.T. 0.003 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

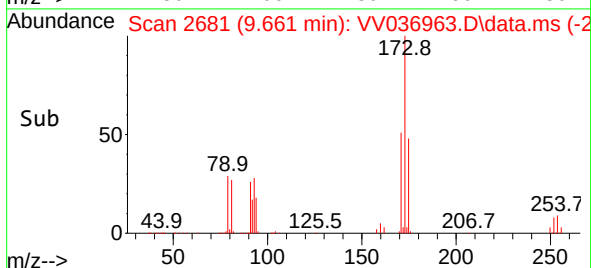
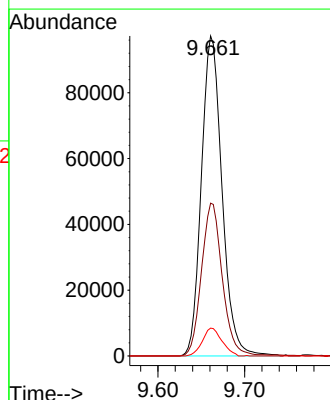
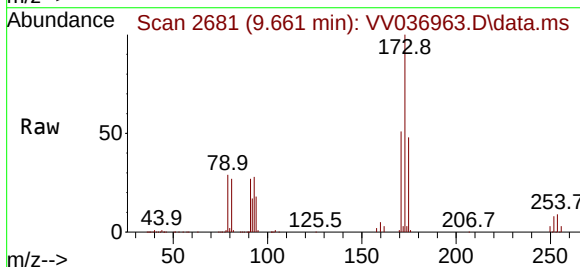
Instrument :
MSVOA_V
ClientSampleId :
JAAS5MSD

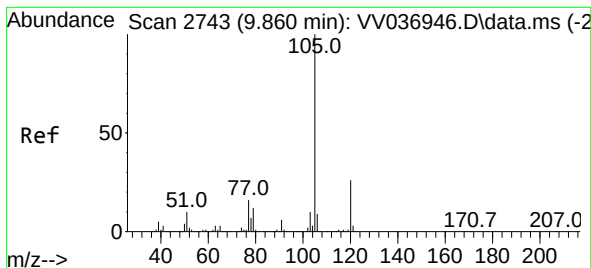
Tgt Ion: 83 Resp: 360044
Ion Ratio Lower Upper
83 100
85 63.2 44.7 83.1
131 9.6 7.2 10.8



#59
Bromoform
Concen: 47.111 ug/L
RT: 9.661 min Scan# 2681
Delta R.T. 0.003 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

Tgt Ion: 173 Resp: 161025
Ion Ratio Lower Upper
173 100
175 47.9 39.8 59.8
254 8.2 6.8 10.2





#60

Isopropylbenzene

Concen: 49.915 ug/L

RT: 9.863 min Scan# 21

Delta R.T. 0.003 min

Lab File: VV036963.D

Acq: 16 Aug 2024 18:10

Instrument :

MSVOA_V

ClientSampleId :

JAAS5MSD

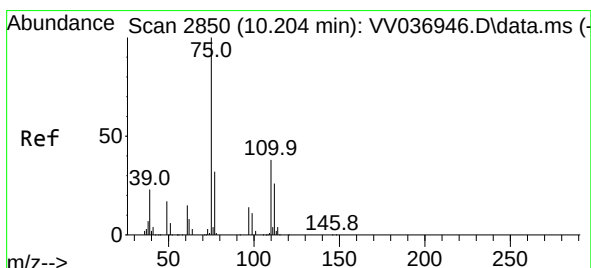
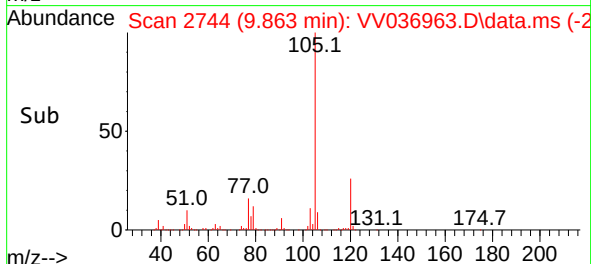
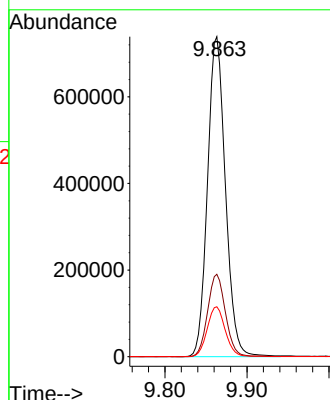
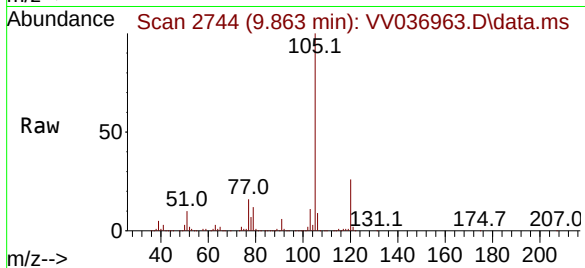
Tgt Ion:105 Resp: 1122723

Ion Ratio Lower Upper

105 100

120 25.6 20.3 30.5

77 15.6 13.1 19.7



#61

1,2,3-Trichloropropane

Concen: 51.775 ug/L

RT: 10.204 min Scan# 2850

Delta R.T. 0.000 min

Lab File: VV036963.D

Acq: 16 Aug 2024 18:10

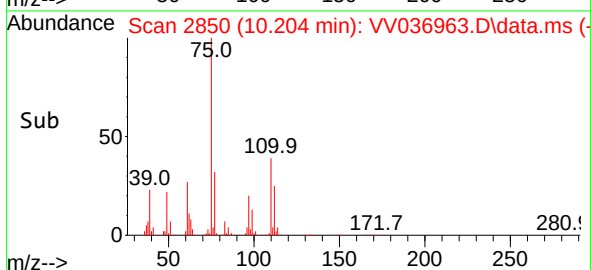
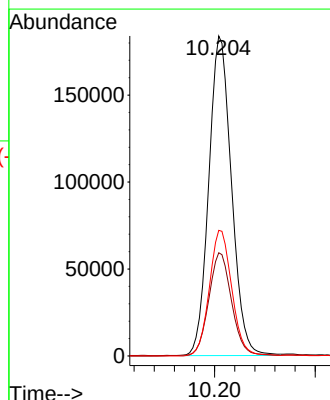
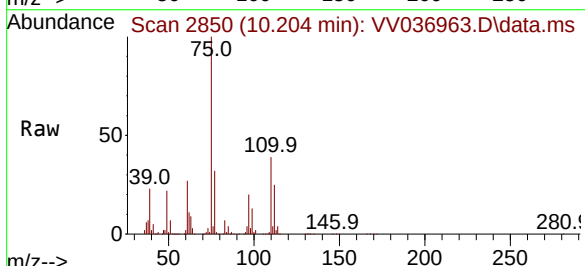
Tgt Ion: 75 Resp: 287960

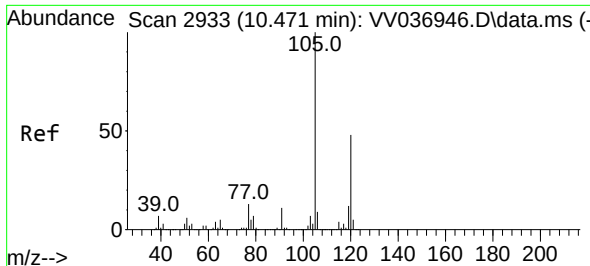
Ion Ratio Lower Upper

75 100

77 32.3 26.2 39.2

110 39.0 31.3 46.9

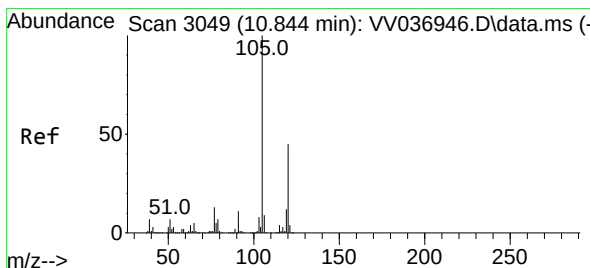
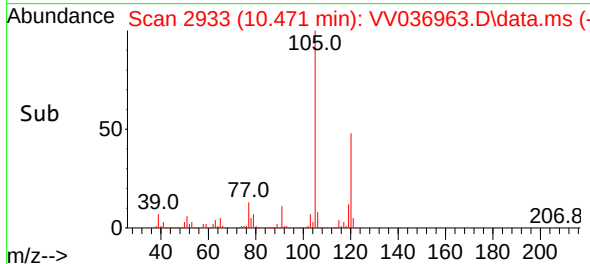
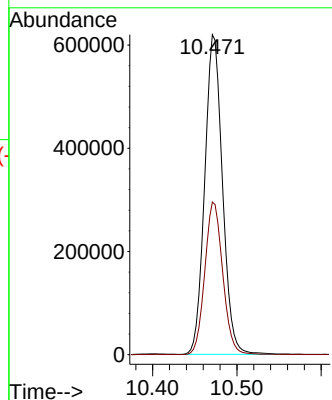
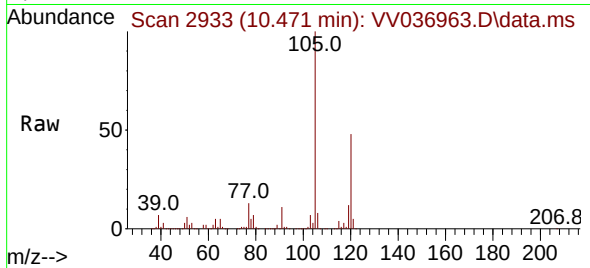




#62
 1,3,5-Trimethylbenzene
 Concen: 48.677 ug/L
 RT: 10.471 min Scan# 2933
 Delta R.T. 0.000 min
 Lab File: VV036963.D
 Acq: 16 Aug 2024 18:10

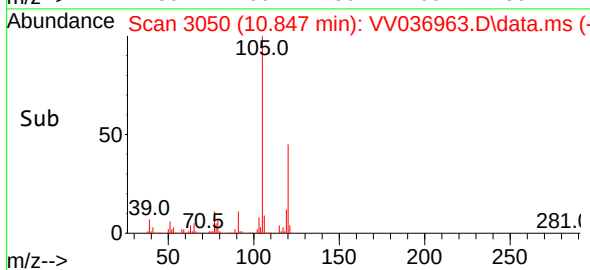
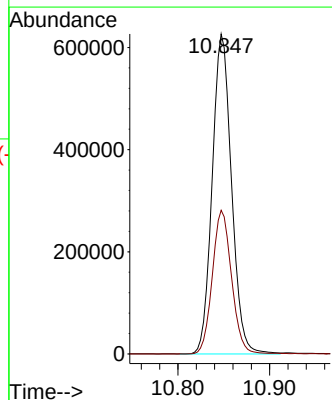
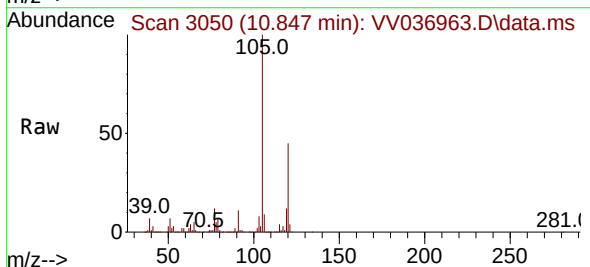
Instrument :
 MSVOA_V
 ClientSampleId :
 JAAS5MSD

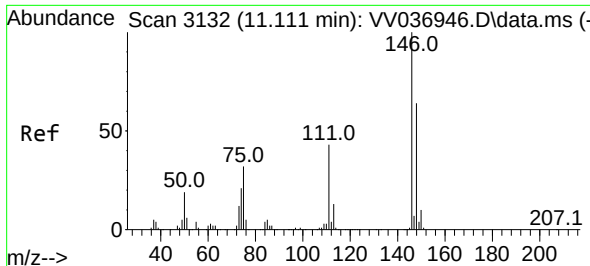
Tgt Ion:105 Resp: 911532
 Ion Ratio Lower Upper
 105 100
 120 48.3 37.7 56.5



#63
 1,2,4-Trimethylbenzene
 Concen: 48.898 ug/L
 RT: 10.847 min Scan# 3050
 Delta R.T. 0.003 min
 Lab File: VV036963.D
 Acq: 16 Aug 2024 18:10

Tgt Ion:105 Resp: 916636
 Ion Ratio Lower Upper
 105 100
 120 44.7 35.6 53.4

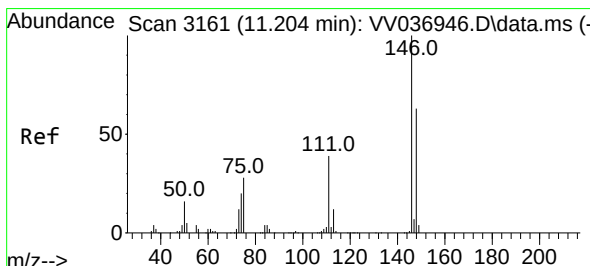
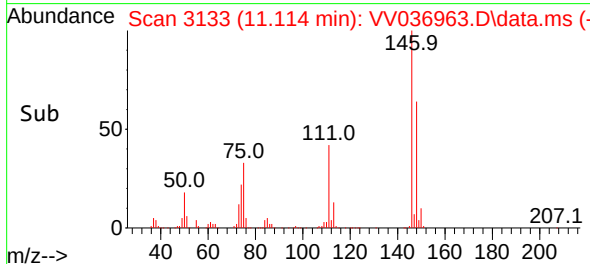
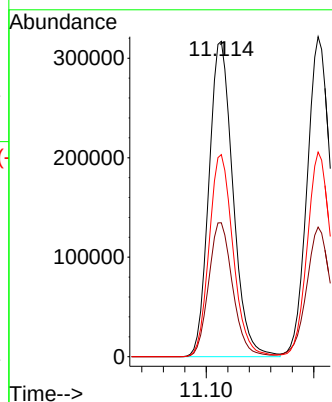
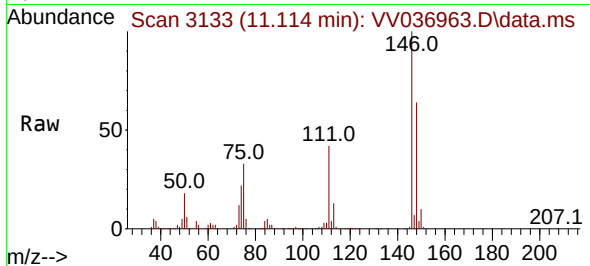




#64
1,3-Dichlorobenzene
Concen: 51.021 ug/L
RT: 11.114 min Scan# 3132
Delta R.T. 0.003 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

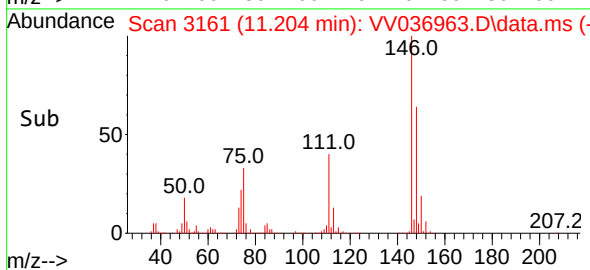
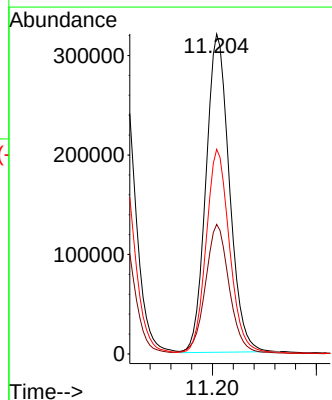
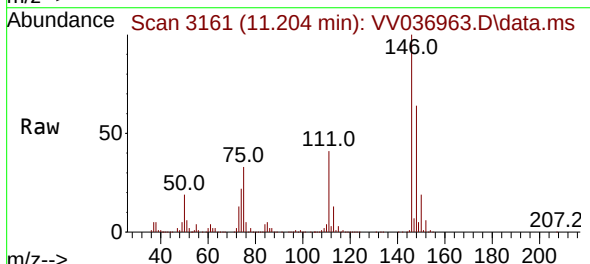
Instrument :
MSVOA_V
ClientSampleId :
JAAS5MSD

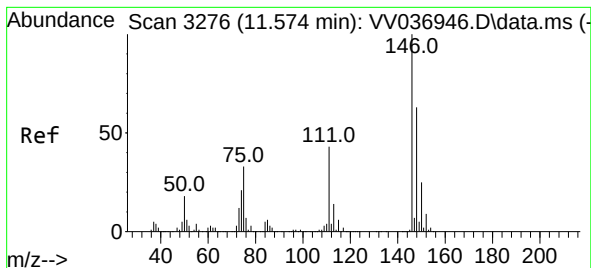
Tgt Ion:146 Resp: 493504
Ion Ratio Lower Upper
146 100
111 42.5 29.8 55.4
148 64.1 43.4 80.6



#65
1,4-Dichlorobenzene
Concen: 50.892 ug/L
RT: 11.204 min Scan# 3161
Delta R.T. 0.000 min
Lab File: VV036963.D
Acq: 16 Aug 2024 18:10

Tgt Ion:146 Resp: 500572
Ion Ratio Lower Upper
146 100
111 40.5 29.0 53.9
148 63.9 43.8 81.4





#67

1,2-Dichlorobenzene

Concen: 52.425 ug/L

RT: 11.574 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV036963.D

Acq: 16 Aug 2024 18:10

Instrument :

MSVOA_V

ClientSampleId :

JAAS5MSD

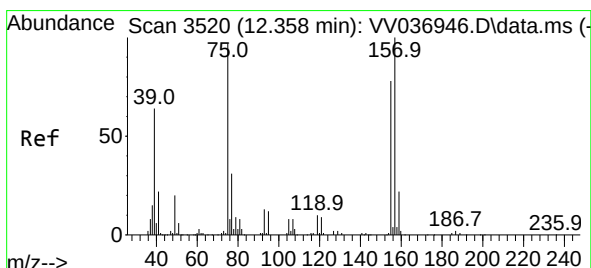
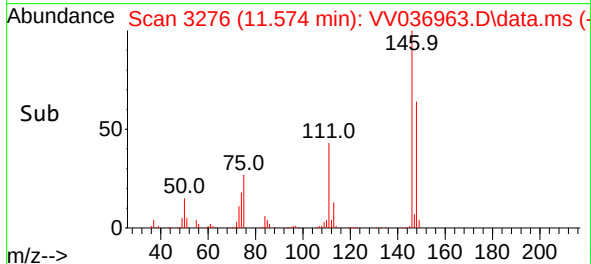
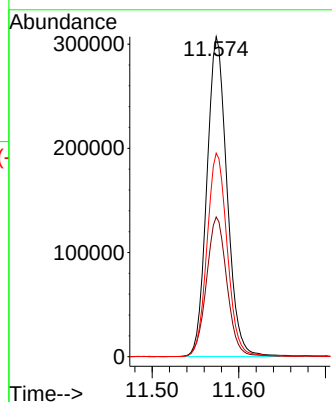
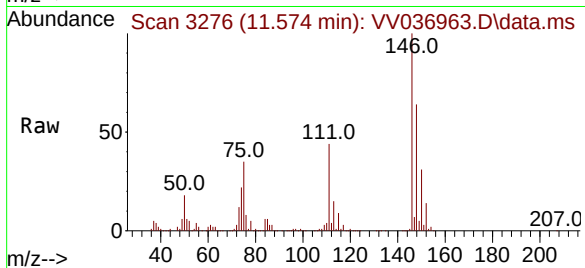
Tgt Ion:146 Resp: 495238

Ion Ratio Lower Upper

146 100

111 43.6 35.7 53.5

148 63.6 51.2 76.8



#68

1,2-Dibromo-3-chloropropane

Concen: 46.756 ug/L

RT: 12.358 min Scan# 3520

Delta R.T. 0.000 min

Lab File: VV036963.D

Acq: 16 Aug 2024 18:10

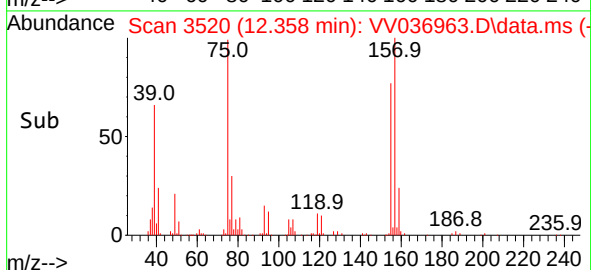
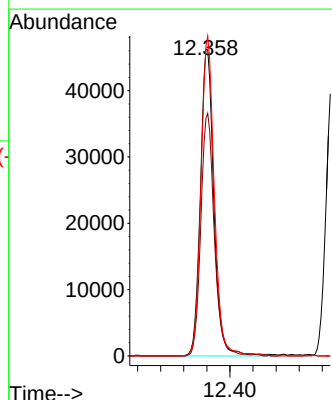
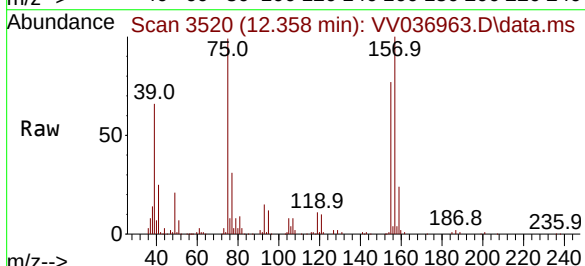
Tgt Ion: 75 Resp: 75147

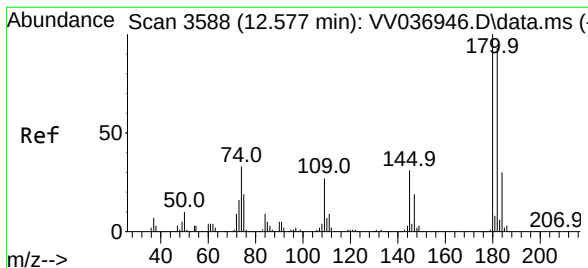
Ion Ratio Lower Upper

75 100

155 77.4 59.5 89.3

157 100.8 81.0 121.4





#69

1,3,5-Trichlorobenzene

Concen: 49.382 ug/L

RT: 12.577 min Scan# 31

Delta R.T. 0.000 min

Lab File: VV036963.D

Acq: 16 Aug 2024 18:10

Instrument :

MSVOA_V

ClientSampleId :

JAAS5MSD

Tgt Ion:180 Resp: 338965

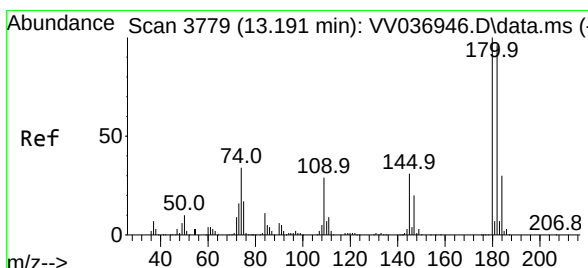
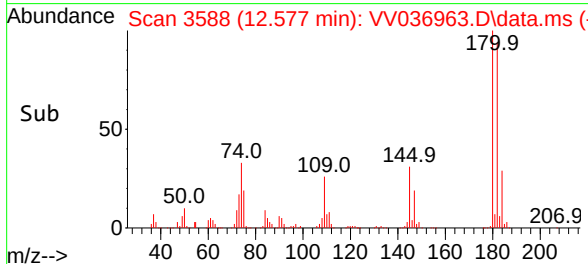
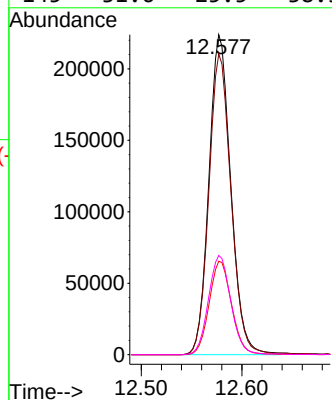
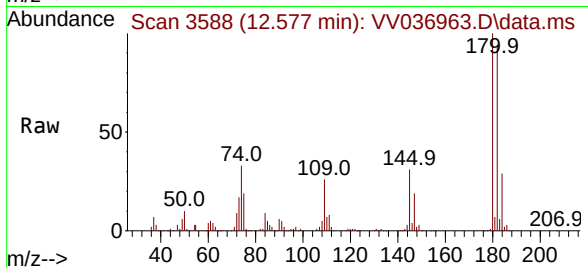
Ion Ratio Lower Upper

180 100

182 94.6 75.0 112.6

184 29.9 23.7 35.5

145 31.6 25.5 38.3



#70

1,2,4-trichlorobenzene

Concen: 49.186 ug/L

RT: 13.194 min Scan# 3780

Delta R.T. 0.003 min

Lab File: VV036963.D

Acq: 16 Aug 2024 18:10

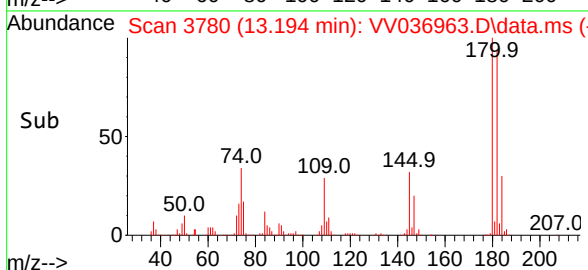
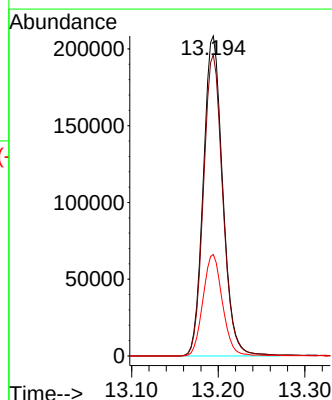
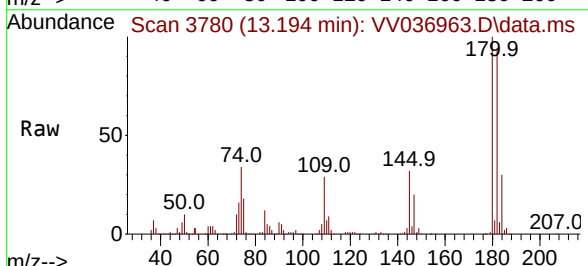
Tgt Ion:180 Resp: 323812

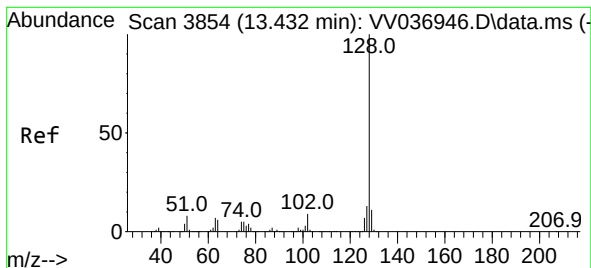
Ion Ratio Lower Upper

180 100

182 94.1 75.1 112.7

145 31.6 26.5 39.7





#71

Naphthalene

Concen: 50.695 ug/L

RT: 13.432 min Scan# 3854

Delta R.T. 0.000 min

Lab File: VV036963.D

Acq: 16 Aug 2024 18:10

Instrument :

MSVOA_V

ClientSampleId :

JAAS5MSD

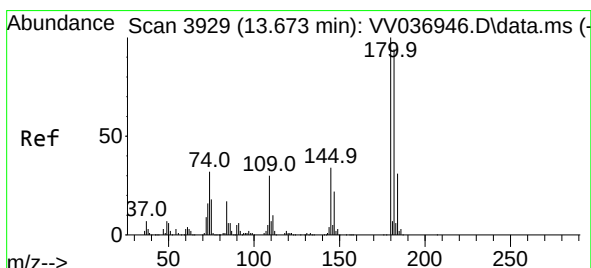
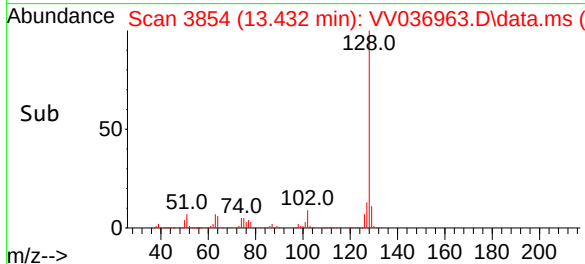
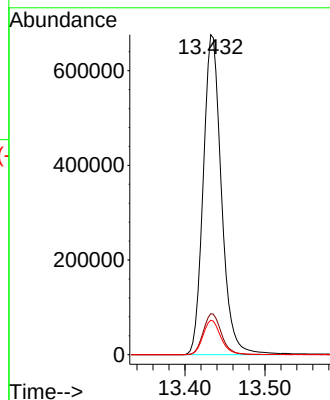
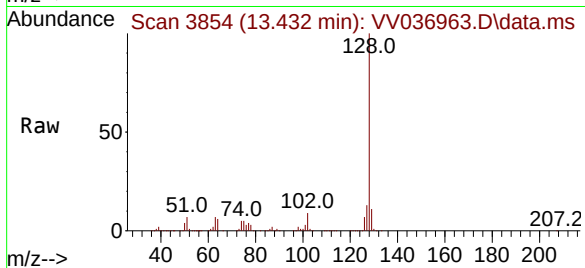
Tgt Ion:128 Resp: 1070224

Ion Ratio Lower Upper

128 100

127 12.8 10.5 15.7

129 10.6 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 50.571 ug/L

RT: 13.673 min Scan# 3929

Delta R.T. 0.000 min

Lab File: VV036963.D

Acq: 16 Aug 2024 18:10

Tgt Ion:180 Resp: 325892

Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.2

145 33.3 27.8 41.6

